ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 19
Northwest Passage: Biological Oceanography – Pinnipeds
1834 to 1985

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V8L 4B2

1988

CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES
NO. 5

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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Northwest Passage: Biological Oceanography - Pinnipeds

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by

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PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and Regulatory and Native Affairs at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include research planning and the provision of the best available resumé of marine data sources for environmental assessments and land use planning.

In the past, the pace of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern, and; 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This seal catalogue for the Beaufort Sea represents part of the results of the first stage.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and Appraisal Series

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ABSTRACT

Harwood, L.A., P. Norton, L. de March and B.D. Smiley. 1988. Arctic Data Compilation and Appraisal. Volume 19. Northwest Passage: Biological Oceanography - Pinnipeds, 1834-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5:Vol. 19. 450 p.

This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For ease of reference, the group has been organized with its subject matter divided into three disciplines: physics, chemistry, and biology. The Arctic has been arbitrarily divided into seven geographical areas to include, where possible, major oceanographic regions. The format has been structured to facilitate comparison between subjects and regions. With such a large undertaking it is not possible to provide all reports at once. Therefore catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are invited to submit corrections and additions by writing the issuing establishment. These corrections will be incorporated in on-line computerized data set listings; they will be continuously available upon request.

RESUMÉ

Harwood, L.A., P. Norton, L. de March and B.D. Smiley. 1988. Arctic Data Compilation and Appraisal. Volume 19. Northwest Passage: Biological Oceanography - Pinnipeds, 1834-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5:Vol. 19. 450 p.

Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer les séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de facon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qu'il est impossible de fournier tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'interieur de la couverture.

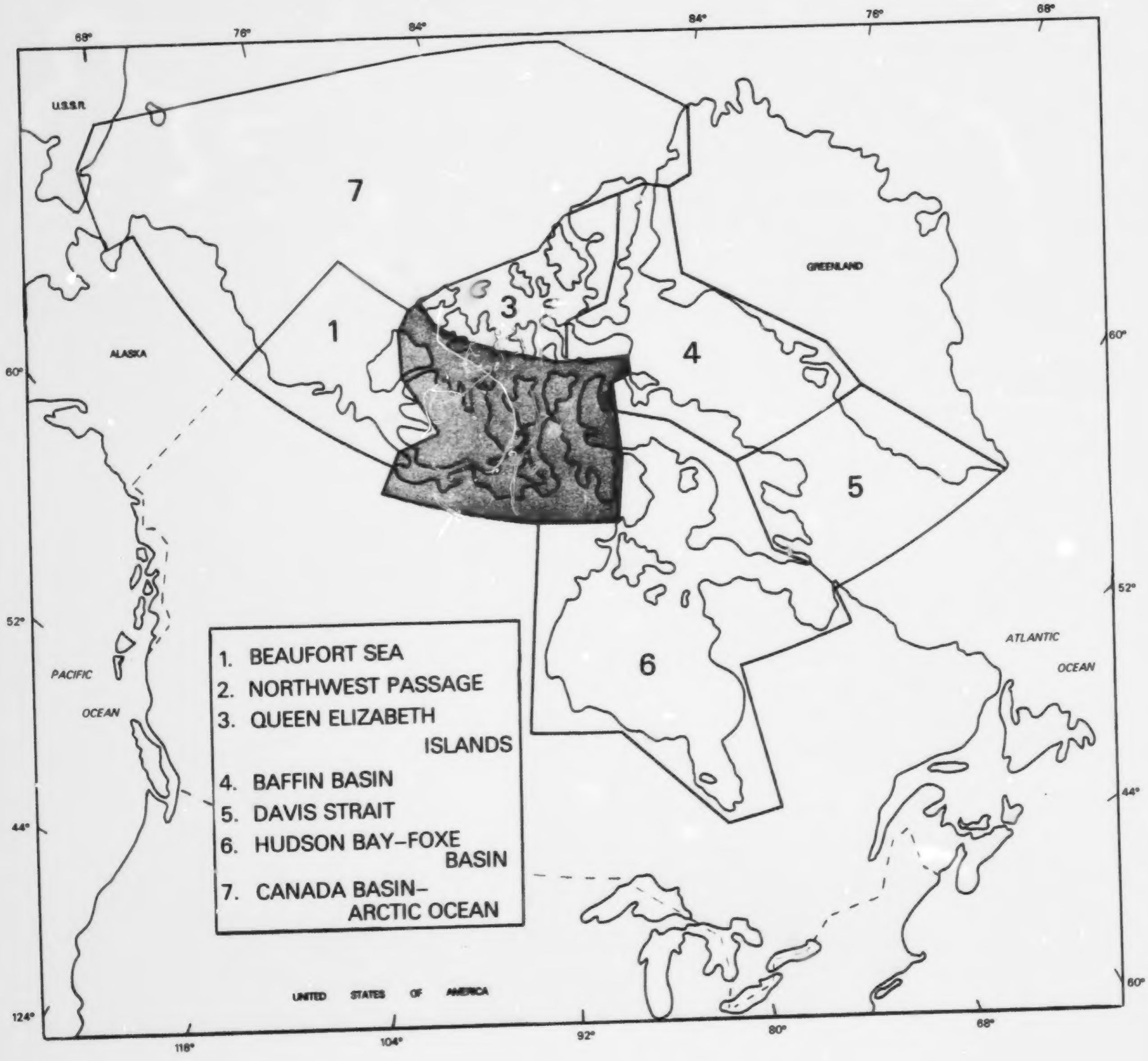
La collecte des données est un processus permanent et il est prévu de mettre a jour les catalogues par la suite. Les lecteurs sont invites a soumettre par écrit les corrections et les additions à l'éstablissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listes qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

Preparation of this catalogue was funded by Canada, Department of Fisheries and Oceans (DFO) under the Northern Oil and Gas Action Program (NOGAP). Larry de March of the Freshwater Institute (DFO) was the Scientific Authority for the work. Others who contributd to format design were Dave Thomas and George Floyd, Arctic Laboratories Ltd., Sidney, B.C.

We thank many scientists for their thoughtful suggestions and for access to published information, libraries and field notes. In particular, we acknowledge Michael Kingsley, Tom Strong, Patt Weaver, Buster Welch (DFO), David Barber, Larry Dueck (U of Manitoba), Ian Stirling, Wendy Calvert (CWS), Steven Price (World Wildlife Fund), Gary Miller (LGL Ltd.), Rick Hurst (DIAND) and Government of Northwest Territories.

Special thanks are extended to Becky Sjare for assistance with tabulations and literature search, to Jim Lepard for his patience and effort in word processing the document, and to Peter Brouwer, ESL Environmental Sciences Ltd., for digitizing the maps.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1. BEAUFORT SEA
2. NORTHWEST PASSAGE
3. QUEEN ELIZABETH ISLANDS
4. BAFFIN BASIN
5. DAVIS STRAIT
6. HUDSON BAY-FOXE BASIN
7. CANADA BASIN-ARCTIC OCEAN
UNITED STATES OF AMERICA
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Volume 19: Northwest Passage: Biological Oceanography - Pinnipeds, 1834-1985

VOLUME ABSTRACT

This data report includes a catalogue of measurements made on pinnipeds (seals and walruses) in the Northwest Passage region and adjacent marine waters. In total, 159 studies were catalogued, spanning the period from 1834 to and including 1985. The catalogue comprises three main tables followed by supporting figures and indices. The tabulations include the following: general study parameters, species, specific measurements, concurrent biological, chemical, and physical measurements, details on sampling intensity and study methods, appraisal of study methods, and specific times and locations where sampling was conducted. More than 70% of the studies in the catalogue were conducted between 1970 and 1985, and approximately 40% of the data sets included Barrow Strait and/or Lancaster Sound within study area boundaries. Thirteen different study methods were identified, and these were used to make 124 different types of measurements. The most common methods were shore watches and reconnaissance surveys from the air and ice. The species most commonly studied were ringed seals, bearded seals, and walrus; hooded seals and harp seals were reported at certain times of the year.

Key Words: age, behaviour, catalogue, food, inventory, morphometrics, movements, Northwest Passage, number, parasites, pinnipeds, predators, reproduction, seals, walrus

1. INTRODUCTION

The objective of this work was to catalogue all available Northwest Passage pinniped data sets, and to appraise the quality of the methods used to collect this data. The catalogue includes all known completed studies in the Northwest Passage region which were designed specifically to study pinnipeds during and prior to 1985. Numerous other studies, particularly those which involved aerial surveys for polar bears or for whales, were also included if sufficient details regarding pinniped sightings were provided or readily available.

In total, 159 data sets were catalogued. A "data set" consists of data collected during a single expedition, cruise or field season, usually by a single institution or agency. Studies which involved biochemical analyses of tissue or fluids for toxicological purposes (e.g. to quantify levels of contaminants) were catalogued in Volume 4 (Northwest Passage: Chemical Oceanography, Thomas *et al*., 1983).

The location and accessibility of original data sets for pinnipeds in the region were determined through a literature search encompassing scientific journals; books; government, industry, and public reports; and by contacting principal investigators (see Appendix 1). Approximately half of the data sets included in this catalogue also appear in Volume 13

(Northwest Passage: Biological Oceanography - Whales); that document (Norton et al., 1987) served as a starting point for the present catalogue.

The catalogue is ongoing. When new data and previously inaccessible data become available, they will be added to future updates of the catalogue. The catalogue will be entered onto a computerized data base maintained at the Institute of Ocean Sciences, Sidney, B.C. Information about new data sets, older data sets which do not appear in this catalogue, or errors in this catalogue, should be submitted in writing to the Freshwater Institute (Winnipeg) or the Institute of Ocean Sciences (Sidney).

Wherever possible, formats were adopted that were consistent with those used in the companion catalogues for the Northwest Passage region, particularly the whale data catalogue (Norton et al., 1987).

2. STUDY AREA

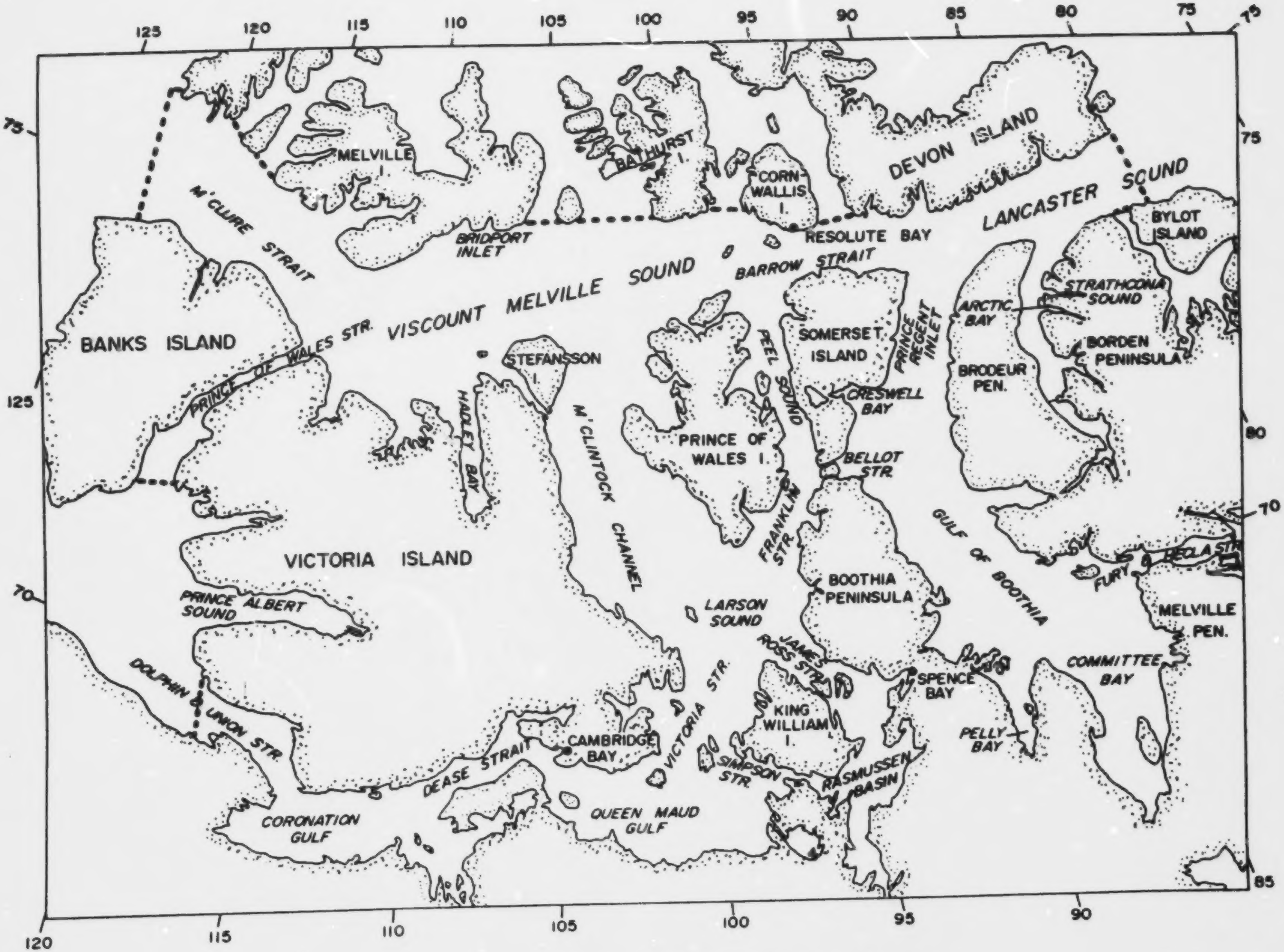
The study area includes the Northwest Passage region and adjacent marine waters (Figure 2.1). The larger water bodies in the region are as follows: Barrow Strait, Bellot Strait, Committee Bay, Coronation Gulf, Creswell Bay, Dolphin and Union Strait, Franklin Strait, Fury and Hecla Strait, Gulf of Boothia, Hadley Bay, James Ross Strait, Lancaster Sound, Larsen Sound, M'Clintock Channel, M'Clure Strait, Peel Sound, Prince of Wales Strait, Queen Maud Gulf, Rasmussen Basin, Simpson Strait, Strathcona Sound, Victoria Strait, and Viscount Melville Sound. The eight permanent communities in the region are: Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, and Spence Bay.

3. SUMMARY OF DATA COVERAGE

In total, 159 data sets were catalogued. This section presents a summary of the objectives of these studies, the species examined, and spatial and temporal trends in data coverage.

3.1 STUDY OBJECTIVES

Twenty-seven studies had the primary objective of making pinniped measurements. These data sets span the years 1973-85, and were conducted by scientists from the Canadian Wildlife Service, Canada Dept. of Fisheries and Oceans (Fisheries Research Board of Canada, Freshwater Institute and Arctic Biological Station), LGL Ltd., and McGill University. Studies in this category involved one or more of the following methods: (1) examination of: stomachs, teeth, reproductive organs, morphometrics, and tissue of harvested specimens or collected specimens, (2) systematic aerial surveys to census seals during haul-out, seal holes during fall, or walrus during late summer, (3) ice-based censuses of seal birth lairs and the study of various aspects of predation at the lairs, (4) observations of seals during haul-out from a shore-based tower, (5) recording of seal vocalizations to examine behaviour, distribution and relative abundance.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MELVILLE I.
BATHURST I.
CORN-WALLIS I.
DEVON ISLAND
LANCASTER SOUND
BYLOT ISLAND
M'CLURE STRAIT
BRIDPORT INLET
RESOLUTE BAY
BARROW STRAIT
VISCOUNT MELVILLE SOUND
BANKS ISLAND
PRINCE OF WALES STR.
STEFANSSON I.
HADLEY BAY
M'CLINTOCK CHANNEL
PRINCE OF WALES I.
PEEL SOUND
SOMERSET ISLAND
PRINCE REGENT INLET
CRESWELL BAY
BELLOT STR
ARCTIC BAY
BRODEUR PEN.
STRATHCONA SOUND
BORDEN PENINSULA
FRANKLIN STR.
GULF OF BOOTHIA
FURY & HECLA STR
MELVILLE PEN.
VICTORIA ISLAND
PRINCE ALBERT SOUND
LARSON SOUND
BOOTHIA PENINSULA
JAMES ROSS STR
SPENCE BAY
COMMITTEE BAY
PELLY BAY
KING WILLIAM I.
VICTORIA STR.
DOLPHIN & UNION STR
CAMBRIDGE BAY
DEASE STRAIT
SIMPSON STR.
RASMUSSEN BASIN
CORONATION GULF
QUEEN MAUD GULF

Figure 2.1 Northwest Passage data compilation study area.

The remaining 132 data sets provide seal measurements which were made incidentally to the program objectives, and are grouped as follows: exploration expeditions, natural history expeditions, compilations of incidental sightings, "vessel-of-opportunity" studies, economic surveys, fur trader records, RCMP records, biological overview studies, and biological studies aimed specifically at birds or mammals other than pinnipeds, and marine ecology studies. Each is discussed separately below.

Ten data sets were based on the diaries or memories from early (1834-1908) exploration expeditions, some of which were searching for the Franklin expedition. Most pinniped data are reported in popularized accounts, and therefore have limited accuracy with respect to reported sightings or harvest locations and timing. Numerous other reports of this type were examined for the catalogue, but were not included since they simply referred to the fact that seals were harvested for food or clothing.

Between the years 1921-1958, 12 natural history expeditions which reported seal measurements or observations were undertaken in the region. Each was conducted by trained observers, and specimens often collected. The work was funded by the National Museum of Canada, US National Museum, Canadian Wildlife Service, McGill University, Arctic Institute of North America, Government of Northwest Territories, Geography Branch, and the New York Zoological Society. A further eight data sets were collected during "vessel-of-opportunity" cruises, where a trained observer or wildlife observers were present on oceanographic or geological studies, and in one case, the maiden voyage of an icebreaker. Funds for positioning observers on the vessels were provided by the National Museum of Canada, Fisheries Research Board of Canada, Canadian Armed Forces, and Dome Petroleum Ltd.

Eight data sets were extracted from paper in the scientific literature which were compilations of sightings from a number of years and unrelated studies. One of these encompasses game reports and kill records maintained by RCMP officers from 1962-1972. While officers were not required to collect biological or harvest information, some did so in addition to their regular duties. Consequently, the amount and reliability of the data varies markedly among locations and times, and presumably also with the experience of the recording officer. Another data set includes the Hudson's Bay Company records of the number of furs traded from each of eight communities in the study area between the years 1940-1984.

Seven data sets describe economic surveys or studies conducted from 1965-1968 and from 1981-1983. A further 15 data sets report furs traded according to the records kept by the Government of the Northwest Territories from 1971-1985. Seals were first classified as furbearers in 1971, and while these records do no include the harvest location, the communities from where the record originated is available. Seals taken and used for domestic purposes do not appear in these records, although the proportion of the take which was not traded was examined in some economic surveys. A comprehensive review of the reliability of historical statistics approximating fur harvests in the Northwest Territories and Yukon is provided by Usher (1975).

The remaining studies in the catalogue are all classified as strictly biological, and fall into two main groups: biological overview research (e.g. the census of all marine mammals and/or birds in a given area), and biological studies directed specifically at birds or mammals other than pinnipeds (e.g., whales), or general marine ecology studies. In the biological overview category, there are 15 studies in the catalogue which were conducted from 1971-1979. This research was funded primarily by industry in order to provide pre-development baseline data or to meet regulatory requirements. While measuring or observing pinnipeds was not the primary objective per se, it was given some (variable) priority in all cases. A further 58 studies had specific biological objectives other than to measure or observe pinnipeds but this was usually done incidentally. The level of effort directed toward pinnipeds also varied among this group, according to weather and observation conditions, suitability of method, presence of target species, time available to record incidental species, etc. Of these studies, 28 had the primary objective of studying whales, 21 polar bears, 4 marine ecology, and 4 birds. They were funded by a number of agencies, including the Canadian Wildlife Service, Government of Northwest Territories, Dept. of Fisheries and Oceans, World Wildlife Fund, Polar Gas Project, Arctic Biological Station, Dept. of Indian and Northern Affairs, and McGill University.

3.2 SPECIES EXAMINED

The majority of studies focussed on ringed (80%) or bearded (50%) seals (Figure 3.1). Unidentified pinnipeds were recorded in 26% of the data sets, while 42% recorded walrus measurements and 36% had harp seal measurements. Very few data sets included harbour (2.5%) or hooded (6.3%) seal measurements.

3.3 TRENDS IN SPATIAL AND TEMPORAL COVERAGE

The most frequently recorded study locations were: Admiralty Inlet (26%), Barrow Strait (38%) Lancaster Sound (40%), Peel Sound (20%) and Prince Regent Inlet (22%). The data sets are indexed by geographic location in Section 10.

The number of studies conducted per 5-year interval is indicated on Figure 3.2. The majority of the studies were conducted after 1969 (70%). The year with the most studies was 1976 (12 data sets, or 7.5% of total).

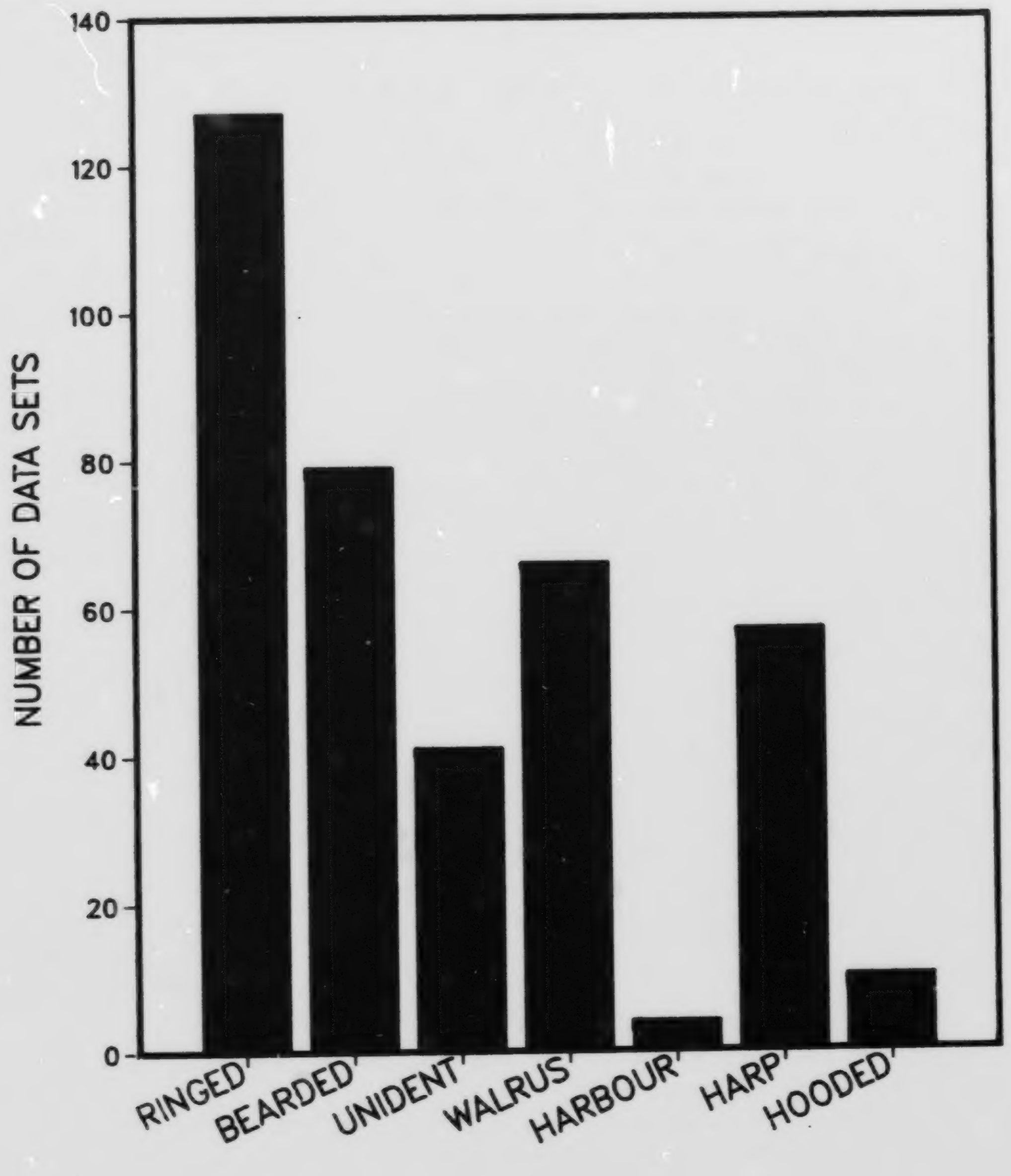


Figure 3.1 Frequency distribution of species examined.

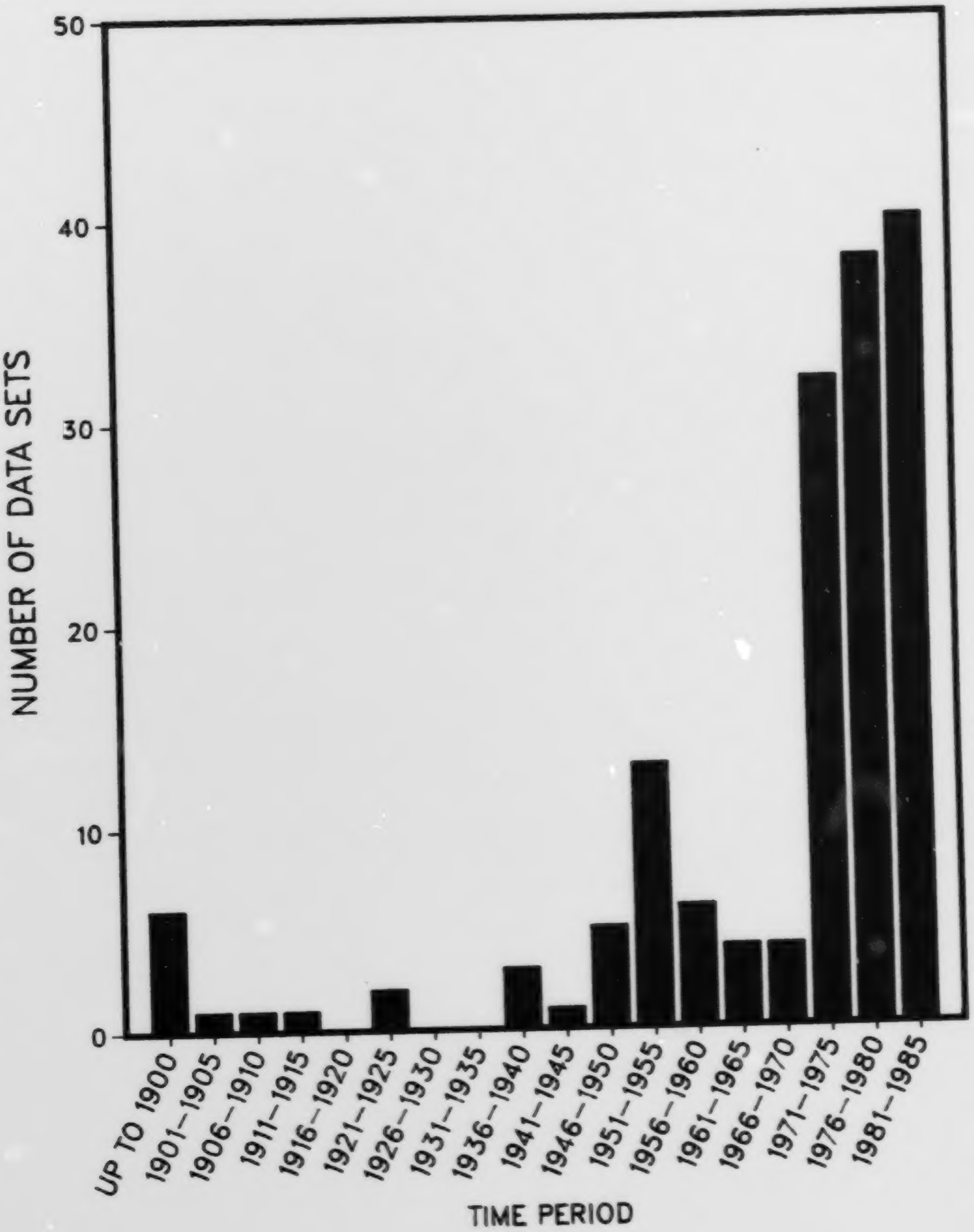


Figure 3.2 Frequency distribution of data sets by five year interval.

4. SUMMARY OF STUDY METHODS

A total of 13 different study methods were identified during the preparation of this catalogue. The data sets are indexed by method in Section 10, while this section includes a general discussion of each. Some studies employed two or more methods. Figure 4.1 presents the number of data sets employing each method.

4.1 ACOUSTIC RECORDINGS

Underwater acoustics have been used to monitor the behaviour and relative abundance of pinnipeds. The majority of acoustic research undertaken to date has involved the detection and monitoring of vocalization types and rates using an omnidirectional hydrophone. Studies of this nature reveal the sound repertoire which a species is capable of producing and factors which influence the type and rate of vocalizations produced (Klenner *et al*., 1984).

Four of the data sets in this catalogue involved the recording of seal vocalizations during reconnaissance ice surveys, from 1980-1982. All took place during winter or spring from the ice surface. Vocalizations of both ringed and bearded seals were recorded, analysed, and interpreted.

4.2 AERIAL PHOTOGRAPHY

Aerial photography was used in 11 studies, using either a reconnaissance (7 data sets) or systematic (8 data sets) format, or both (4 data sets). Four data sets using this method were collected in the 1970's. One involved photography of seals remotely from a Senior Telemaster model airplane (77-0113), and another directly from a Cessna 337 (77-0125). Two studies photographed hauled-out walruses (77-0122) and large herds of migrating harp seals (75-0075).

The other aerial photograph programs were conducted during 1983-85, by scientists from the Freshwater Institute. Six studies had the primary objective of censusing whales (83-0049, 83-0050, 84-0025, 84-0026, 85-0024, 85-0025), but seals exist on the photographic record, depending on light and weather conditions. Data set 84-0024 involved aerial photography of hauled-out seals from a Bell 206 helicopter coincident with a visual survey from a Cessna 337.

4.3 HUNTER INTERVIEWS

Ten data sets used this method in the years 1921-1983. It involves hunter's sightings which were reported by others (e.g. RCMP officers, natural historians, explorers, technicians stationed at settlements, etc.). The "hunter interview" is the study method identified for the purpose of this catalogue, and not the method by which the hunter killed or observed the animal.

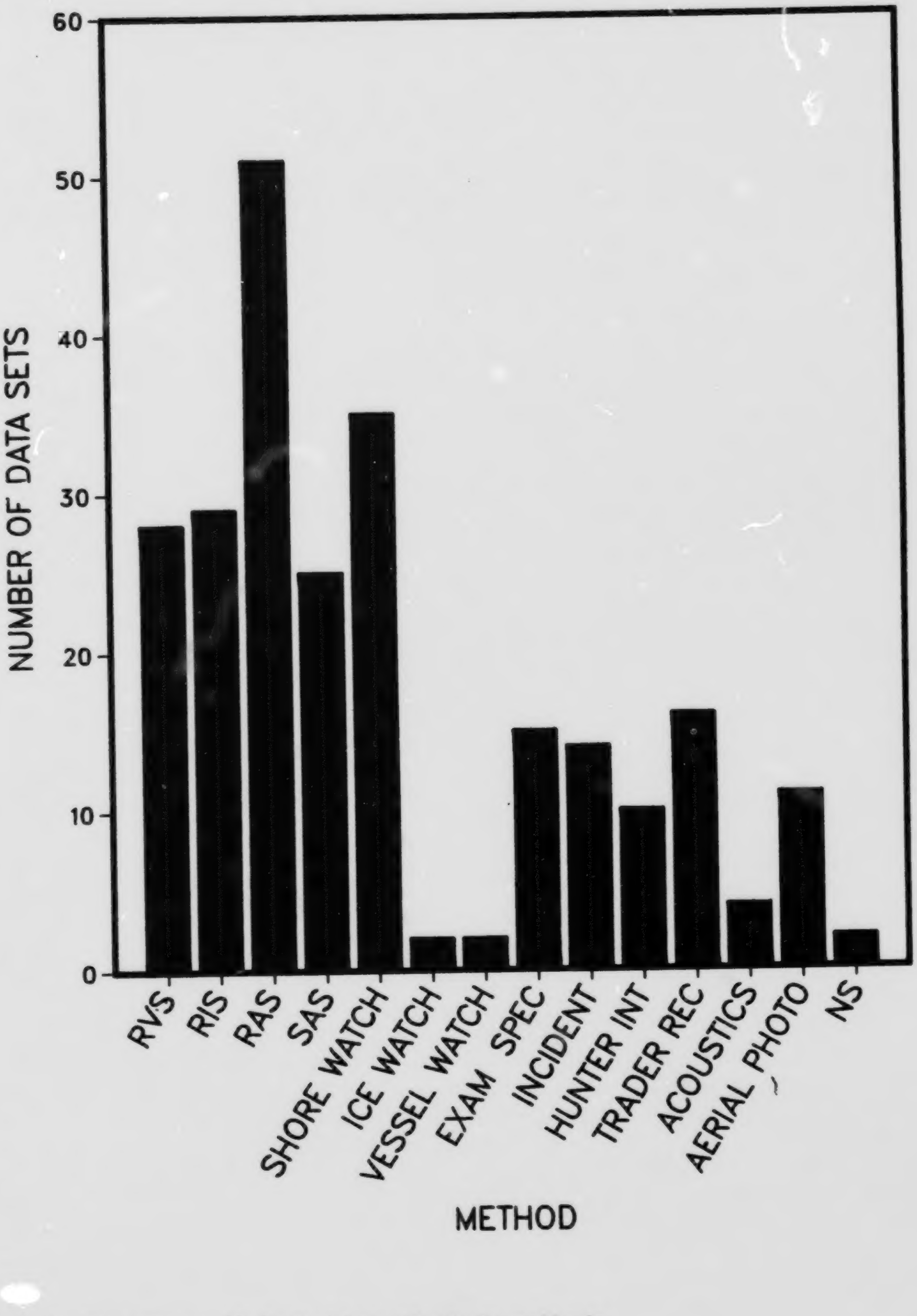


Figure 4.1 Frequency distribution of study methods.

4.4 ICE WATCH, SHORE WATCH, VESSEL WATCH

These methods were used in 39 studies. Pinnipeds were observed from either the shore (35 studies), ice surface (2 studies) or a stationary vessel (2 studies). They were classified as "watches" if the observer was stationary during a designated observation period or for a specified length of time with the objective of "watching." The training and experience of the observers varied among data sets.

4.5 INCIDENTAL REPORTS

This method includes pinniped sightings or landings made by persons other than marine mammalogists or hunters. It often involves the reporting of a measurement by a third party, or the making of measurements by an untrained observer. Consequently, data collected using this method are often of limited use since documentation on observer experience, observation conditions, procedures, effort and techniques are not provided. Fourteen data sets were placed in this category, spanning the period 1834-1961.

4.6 EXAMINATION OF COLLECTED SPECIMENS

Fifteen data sets (1921-1985) involved the collection of seal tissue, skulls, stomachs, claws and/or teeth for analysis in the laboratory. Certain types of measurements on the specimens were conducted in the field, and then the specimens were fixed for re-examination and further study in the laboratory. The work was conducted to determine age of the specimens (teeth and claws), reproductive condition (examination of reproductive tracts), feeding preferences (stomach contents identified and weighed), and species (examination of skulls).

4.7 SURVEYS

Data sets using a survey method have been categorized into four subgroups, according to survey design and platform. The survey method always includes a mobile search effort. The groups are reconnaissance effort (no pre-determined grid or pattern) from each of the following platforms: the ice surface, vessels, aircraft, and systematic effort from aircraft. Overall, 133 surveys were catalogued.

Vessel surveys for pinnipeds have not been widely used because of the logistic difficulties operating in or around ice, and because the open water period is short and areas to be surveyed are large (Davis _et al_. 1980). On the other hand, aerial surveys have been widely used, offering opportunities for replication and for relatively rapid coverage of large areas. Most aerial surveys for ringed and bearded seals were conducted during spring haul-out; surveys for walrus and harp seals were usually done in late summer.

The survey techniques used by different investigators have not been standardized, and there are biases associated with each study design that should be examined on a study-by-study basis. For example, the following range in parameters was found for visual surveys in this compilation:

survey altitude, 60 to 600 m; survey speed, 130 to 258 km/h; transect width, 0.4 to 1.6 km; and type of aircraft, Twin Otter, Cessna 337 and Allouette II (fixed-wing), and Hughes 500 or Bell 206 (helicopters).

4.8 TRADER'S RECORDS

Sixteen data sets were based on records kept by traders or trading posts, compiled by the Government of Northwest Territories and Hudson's Bay Company. In each case, the records were kept for financial or legal reasons (not biological reasons) and this limits their applicability to biological studies. Nevertheless, the documentation was clear in most cases as to what the records did and did not include. While each trader reports independently, the information is proprietary and presented in this catalogue on a community basis only.

5. GENERAL LAY-OUT OF THE CATALOGUE

The catalogue is organized into a chronological series of data sets beginning with the year 1834. Each data set has been assigned an identification number of the form yy-nnnn, where yy = last 2 digits of the year in which the data were collected, and nnnn = a unique number for that particular data set for that year. The data set number is a unique identifier which applies throughout this series of catalogues; for example, a data set identified as 72-0009 is the same no matter where in the series reference to it is made (e.g. physical or chemical catalogues). If the data set contains observations made in several different years, then the last two digits of the year that the study started have been used. Data sets of voyages during the 1800's are designated by a subscript 18 (e.g. $_{18}$yy-nnnn). Gaps may appear in the sequence of data set numbers in this catalogue for any particular year, because every data set does not appear in every catalogue.

This catalogue comprises three main tables followed by supporting figures and indices. Each table is preceded by an explanation of column headings. The Table 1 format has been standardized for all biological inventories. Table 1 is a chronological list of data sets by data set number, and gives the general study parameters, the species observed, and the specific seal measurements made. Each measurement has been assigned to one of the following 11 measurement categories:

- Number;
- Identification;
- Morphometrics;
- Age;
- Reproduction;
- Food;
- Parasites/Predators;
- Movements;
- Behaviour;
- Physiology;
- Other/Habitat.

In addition, concurrent measurements are indicated by discipline (biology, chemistry, and physics). Concurrent biological measurements are indicated for taxonomic groups by measurement category. Taxonomic groups included are:

- Microbes;
- Phytoplankton;
- Zooplankton;
- Zoobenthos;
- Phytobenthos;
- Epontics;
- Anadromous fish;
- Marine fish;
- Birds;
- Cetaceans;
- Ice-associated mammals;
- Terrestrial mammals.

Concurrent chemical measurements are given for:

- Atmosphere;
- Ice;
- Water column;
- Sediment;
- Biota.

Concurrent physical measurements are given for:

- Ice;
- Atmosphere;
- Water column;
- Substrate.

Detailed information on study method(s) and sampling intensity was determined for each measurement in each data set. This information is presented by species, along with the method ratings, in Table 2.

Table 3 gives the specific times and locations where sampling was conducted for most data sets. If sampling co-ordinates were not specified, approximate positions were obtained by measuring plotted locations from figures given in the report.

Measurement locations are plotted on a series of maps in Section 9. Survey lines were digitized using dBase III and an IBM-compatible microcomputer. The information was stored on floppy disc and then plotted onto a Lambert Conformal Conic projection map (scale of 1:7 000 000). Site-specific locations of ice watches, shore watches, and communities or camps where interviews occurred is also indicated on maps ("SS"). Only one data set is plotted on any given map, and study methods associated with variuos tracks, lines or positions are identified. Maps are presented in chronological order.

Indices are provided in Section 10; the data sets have been indexed by: references with published results, measurement, geographic area, sampling method and species.

5.1 USER'S GUIDE TO CATALOGUE

STEP 1

There are four indices (geographic, measurement, method and species) which will assist in a search for specific types of information in the catalogue (Section 10). They should be consulted when information is desired on a specific geographic area (e.g. you want to know which studies were done, for example, in Barrow Strait), on a specific measurement (e.g. which studies involved a particular measurement, for example, axillary girth), a specific method (e.g. which studies used, for example, a systematic aerial survey), or a given species. Consult the index which lists the item of interest, and record the identification numbers of the data sets listed under the appropriate geographic area, measurement, method or species.

STEP 2

The data set identification numbers now listed will focus your search through the catalogue tables, maps and list of references.

First, consult Table 1 entries for each data set number listed, to obtain general information on collecting and funding agencies, sampling areas and dates, taxa reported, types of pinniped measurements made and concurrent measurements. This consultation may allow you to delete some data set identification numbers from your list which no longer meet the search criteria.

STEP 3

Consult Table 2 entries for each data set identification number still listed after Step 2, to obtain specific information on which measurements were made on which species, the number of samples, units, materials and methods, precision/accuracy, and an appraisal of the method used.

STEP 4

Refer to Table 3 entries for each data set number still listed after Step 2, to obtain specific information on sampling times and locations. If spatial coverage for various methods is of interest, refer to the maps in Section 9.

STEP 5

Consult the Data Location/Reference List Index (Section 10), for citations of reports or publications which report the data set(s) of interest, and also for information on the form, location and availability of original data.

6. APPRAISAL OF STUDY METHODS

6.1 DEFINITION OF THE RATING SYSTEM

Study methodologies have been appraised according to a 5-level scale, defined as follows:

RATING SCORE	DEFINITION
0	Data are found or judged to be wrong.
1	Data are suspect and probably not internally consistent; trends or patterns within the data are likely not real.
2	Insufficient information is provided to assess the data; the data were not or could not be investigated.
3	Data are internally consistent; patterns or trends within the data are probably real but comparison with other data sets may be difficult or impossible.
4	Data are internally consistent and are sufficiently standardized or tied to a reference that comparison with other data at this rating score should be possible. Data may not be accurate in an absolute sense.

Because a "2" rating is not better than a "0" or "1" rating, the scheme is not truly hierarchical. Ignoring the 2 rating, however, the scheme is hierarchical (0, 1, 3, 4). The scheme is presented this way to provide continuity with other catalogues in the series.

The rating scheme is intended to be a guide to appraisal of study methodologies and not an absolute statement of data quality. An ideal rating system would use only objective rating criteria, but due to the nature of some biological measurements and observations, this is not always possible. Some measurements and observations involve a high level of subjective judgement or interpretation on the part of the investigator. Furthermore, when the investigator is remote from an animal while making a measurement, much of the analysis is done by the human brain before any data is recorded.

6.2 BACKGROUND AND RATIONALE

In order to compare biological phenomena between areas, seasons and years or before and after environmental perturbations, it is necessary to ensure that the data collected in different areas or at different times are comparable. The only objective way to compare data is to ensure that the precision and accuracy of the measurements are known.

Precision is the measure of the random variation in results; it can be expressed as a standard deviation (e.g. total length of pelt = 175 ±15 cm). The more precise the measurements, the closer together are repeated measurements of the same parameter on the same animal or structure. Accuracy is a measure of how close to the true value a measurement is. It is a measure of systematic variation in the results, for example a weight measurement may always be 1 kg too high if the scale is zeroed incorrectly.

In the physical and chemical sciences, multiple measurements are often easy to make to determine precision. To determine accuracy, standards are available, although relating chemical stnadards of one chemical composition to samples of a differing structure is often difficult. Physical and chemical laboratories develop sampling and analytical protocols and quality control procedures to ensure obtaining the best results possible.

Some biological measurements are simple physical measurements on organisms (e.g. weight, total length). Simple protocols and quality control procedures can ensure the precision and accuracy of such measurements.

Other biological measurements are observations or combinations of observations and instrument measurements. For example, to obtain a tusk length, one must first recognize the tusk (observation) and then measure it (instrument measurement). Since the recognition of a tusk could be somewhat subjective, and because researchers would not carry a reference tusk, there is a small amount of doubt about the measurement. Consequently, the rating of such data is also partially subjective.

The operational unit of the catalogue series is the "measurement." This is defined as a single determination of some variable, or if multiple determinations have been made, the mean value plus or minus the standard deviation. The measurement reflects what was actually recorded, such as the number of seals observed on an aerial transect line. It does not encompass derived values, such as density or abundance. A list of measurements is provided in Table 6.1.

Each measurement type in each data set has been appraised separately. First, appraisal criteria were established for each measurement type, the criteria being based on the judged ability of the researcher to produce repeatable accurate results; second, the investigator's methods were judged by these criteria and a rating score from "0" to "4" applied. The ratings assigned to each measurement in Table 2 are usually followed by a colon and one or more numbers. Those after the colon refer to the specific question(s) in the chart for that measurement (consult Table 6.1) for which that rating applies. For example, a rating of 2:1,3,6 for the measurement # observed/location means that there was not enough information (e.g. "2") to answer questions, 1, 3 or 6 on Chart C.

It is fundamental to the rating scheme that the data be repeatable, not only by the original investigator, but also by anyone else wishing to repeat the measurements. For this to be possible, the original work would be performed in a consistent and defined manner, and the investigator would provide a complete and detailed description of all sampling and analytical methods. All terms and units would be defined without any vagueness or imprecision.

Completeness implies that enough data were collected to answer the question or test the hypothesis for which they were collected. For example, determination of the age of only ten seals would not be complete enough to describe the age structure of an area's seal population, even if all ten measurements were rated "4." Completeness and final use are independent of the quality of the data and have not been taken into account in the rating scheme. The rating achieved by particular data may, on the other hand, determine the purposes for which they can be used.

No matter how precise a measurement, if the sample is not representative of what exists in nature, the results can be useless for some applications. For example, one may count the number of seals hauled out on the ice surface from a given aircraft at a particular altitude and speed, succeed in counting all of the individuals present, and identify the species correctly. However, if the type of aircraft, speed and altitude disturb the seals such that an unknown proportion dive before they are counted, the sample will not represent the population actually in the area. The results will be of limited use in describing the seal population. Samples such as this could receive a "3" or "4" rating, though, if the documentation were sufficient for another investigator to repeat the measurement (under identical conditions) and produce comparable results. Ratings are assigned independent of representativeness.

The measurement "identification" has not been rated because it is totally subjective. Identification depends on the interpretation by the investigator of how well the organism fits a particular description or key. Correct identification of organisms is crucial to all other measurements, however, and this leads to the dilemma of possible 3- and 4-rated data being useless because identification of the organism was incorrect.

6.3 APPRAISAL OF STUDY METHODS USED TO MAKE SEAL MEASUREMENTS

The 124 pinniped measurements identified in this catalogue are listed in Table 6.1. To assign a rating to each measurement, the documented methods were scrutinized according to the specific criteria developed for that particular measurement. While some criteria are fundamental to the making of some measurements, the same criteria may be less important or irrelevant to others. Consequently, several different combinations of different criteria were required. The criteria are organized in chart form. In all, 19 rating charts were prepared. At the top of each chart is a list of the measurements to which it applies. The rating charts are designated A though V, and are in Section 6.4. They are presented to allow users of this catalogue to review an assigned rating, or to conduct an independent appraisal.

Some charts are more complex than others, simply due to the number of criteria. This reflects the fact that making some types of measurements is more involved than others. For example, the level of sophistication to attain a "4" for "# seals/location" in an aerial survey is much greater than that to obtain a "4" when measuring the presence or absence of a hauled-out seal, because the measurement is more complex. The former must meet many more criteria than the latter. However, given that each method meets all the criteria outlined in the appropriate chart, both could receive a "4" rating.

The accuracy of seal measurements is difficult to estimate, particularly those resulting from censuses or counts. This is because the actual proportion of seals present below the surface is never known. No seal measurements in this catalogue are rated "0" (data are wrong) because there are no absolute standards to which results can be compared to determine accuracy. There are no measurements which could be immediately identified as wrong, although some are suspected to be wrong. For example, "# sea-lions/location" was probably based on the misidentification of a bearded seal, but there is no way of verifying this.

Each rating chart is organized into a sequence of questions, and the ratings depend on the user's response to each. The following terms are used on the rating charts, and hence defined here. A "platform" is the structure (e.g. boat, ice surface, airplane) from which the measuring instrument operates or is deployed. "Observation conditions" refer to the set of environmental parameters (e.g. sea state, ice cover precipitation, glare from sun) which affects the ability of the instrument to make measurements. "Sampling parameters" refer to the set of experimental parameters (e.g. speed and altitude of platform, time of day work conducted, transect width, etc.) which define the scope of the sampling program.

All but the last question on each chart are weighted equally, since the criterion represented by each question are considered fundamental to the making of the particular measurement. A response of "NOT ENOUGH INFORMATION" to any but the last question leads to a rating of "2." The answer to the last question on each chart, common to each measurement, determines whether a "3" or a "4" is assigned. It is worded:

> "Were the methods sufficiently standardized and/or tied to a reference to enable comparison with another data set?"

A "YES" response to this question leads to a rating of "4," while a "NO" or "NOT ENOUGH INFORMATION" leads to a "3." This last question is the most subjective of those on the charts, relying to a certain extent on the judgement of the assessor. For some measurements, however, published "method standards" do exist (e.g. Scheffer 1967). The criteria were developed on the basis of experience, discussion with investigators and the standard references (Section 7).

Table 6.1
List of seal measurements for Northwest Passage

	Cross-Reference to Rating Charts
NUMBER	
# observed/location	C
# observed/aerial transect line	A
# observed/time	C
# unattended holes/location	C
# unattended holes/aerial transect line	A
# observed/vessel transect line	A
# /group	C
# distance/aircraft	C
# dead/location	B
# killed/location	B
# shot & lost/location	D
# shot & landed/location	D
# lairs/time	C
# shot & traded/community	E
# shot & not traded/community	E
# /photograph	R
# holes/photograph	R
IDENTIFICATION	
species	not rated
MORPHOMETRICS	
coat colour	G
pelt colour	G
tusk, p/a	K
tusk condition	V
body weight	J
standard length	H
body length	H
hindflipper length	H
tail length	H
axillary girth	H
maximum girth	H
spleen weight	J
blubber thickness	H
markings, p/a	K
standard length, pelt	H
condylobasal length	H
zygomatic breadth	H
mastoid breadth	H
braincase breadth	H
least interorbital breadth	H

Table 6.1 (cont'd)

	Cross-Reference to Rating Charts
MORPHOMETRICS (cont'd)	
nasal length	H
nasal breadth	H
condyle breadth	H
palatal breadth	H
rostral breadth	H
maxillary toothrow length	H
braincase height	H
pre-maxilla length	H
palatal length	H
condylopatal length	H
AGE	
age class	V
# cementum annuli, canines	L
# claw annuli	L
degree of body scarring	V
REPRODUCTION	
sex	V
baculum length	H
foetus, p/a	K
breeding odour, p/a	K
corpus leuteum, p/a	K
corpus albicans, p/a	K
follicular activity, p/a	K
scars on uterine horns, p/a	K
corpus leuteum diameter	U
corpus albicans diameter	U
rookery stain, p/a	K
rookery depression, p/a	K
pup in lair, p/a	K
placenta remains, p/a	K
FOOD	
relative stomach fullness	V
stomach contents, p/a	K
stomach contents, weight	J
stomach contents, volume	N
stomach contents, identification	N
polychaete in mouth, p/a	K

Table 6.1 (cont'd)

	Cross-Reference to Rating Charts
PARASITES/PREDATORS	
internal parasites, p/a	K
identification of parasites	N
blood on lair floor, p/a	K
pursuit by bear, p/a	K
bear digs, p/a	K
fox digs, p/a	K
molestation by swan, p/a	K
MOVEMENT	
heading	T
ascent angle	T
descent angle	T
BEHAVIOUR	
haul-out on ice	P
haul-out on land	P
attending hole	P
attending crack	P
attending lead	P
assoc. with birds	P
assoc. with whales	P
distance between surfacings	U
surface time	F
dive time	F
diving during fly-by	P
diving during approach by person	K
diving during approach by vessel	P
synchronous diving, p/a	P
distance between individuals	P
head raising, p/a	K
rubbing, p/a	K
scratching, p/a	K
position in water	P
frozen out, p/a	K
vocalization rate	Q
vocalization frequency	Q
vocalization duration	Q
vocalization slope	Q
dive depth	U
scooping air with flippers, p/a	K
proximity to divers	U
orientation relative to sun	T
duration of haul-out bout	F

Table 6.1 (cont'd)

	Cross-Reference to Rating Charts
PHYSIOLOGY	
fat content	M
moulting, p/a	V
breathing, p/a	K
inhalation, p/a	K
exhalation, p/a	K
sinking when shot, p/a	K
OTHER/HABITAT	
distance to nearest lair	U
breathing hole diameter	U
lair height	U
lair dimensions	U
distance of seal/walrus from shore	U
distance of hole from shore	U
distance between holes	U

6.3.1 DOCUMENTATION OF METHOD

One criterion, common to all measurements, is asked in the second to last question on each chart:

> "Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement?"

This question encompasses many ideas, including (1) was the data recorded at the time of the event and not recalled, (2) were all terms, units and procedures defined, (3) were the records kept a true reflection of the measurement made, and (4) were all details on the method provided? Satisfaction of each "subquestion" should lead to the measurement being repeatable, fundamental to any scientific investigation.

As an illustration, one might consider two different data sets which include the measurement "# seals observed/location," one resulting from a shore watch and the other from a systematic aerial survey. The shore watch received a rating of "4" for that measurement because details were provided about the size of the search area, how this was determined, the exact length of search time, the relative abilities of observers, observation conditions, and how the sightings were localized, and because definitions for all terms and units were provided. The aerial survey program must document all of this detail, as well as plane speed, altitude, maintenance of transect width, etc. If, for example, no attempt was made to establish and maintain a constant plane speed, then the measurement would have been rated "1." Even though censusing seals from an aircraft potentially provides more information than a census conducted from shore, in the absence of methodology details, a user of the data set cannot be certain of the reliability of results. While there are distinct shortcomings to consider when using a shore watch to census seals, a user of the data from the shore watch example described here would be able to understand fully those limitations, and use and interpret the data accordingly.

6.3.2 PERFORMANCE AND CALIBRATION OF INSTRUMENTS AND/OR OPERATORS

Perhaps the most fundamental criterion for the making of biological measurements is that the "instruments" perform at an optimum level and are calibrated. An "instrument" is defined here as that which is used to make the measurements (e.g. human eye, human ear, tape measure, trained dog, camera, weigh scale, etc.). To make a particular measurement, often more than one "instrument" is used. Mechanical instruments (e.g. hydrophone, tape measure) also require a human "operator."

The concept of performance and/or calibration of the "instrument" appears in some form on all rating charts except D, E and G. Where it appears, it may be worded as "performance and calibration of instrument . . .?", or in some cases, more specifically as "was the investigator trained to . . .?". The charts where this concept does not appear involve measurements which are considered either too simple (and therefore it is unrealistic to require investigator be trained or calibrated, such as noting pelt colour), or by their nature, did not involve persons trained to make scientifiic measurements (e.g. records kept by hunting parties, fur export tax returns kept by traders).

Given the above definitions and introduction, one can now scrutinize how precise and accurate the measurements are likely to be. In the case of a human operating an analytical instrument, the following should be considered:

> Training of observer/operator: One cannot take for granted that a technician is capable of carrying out a particular procedure in his or her field. The responsible person has to ensure that the technician entrusted to perform the task is properly trained and carries out tasks according to protocol.
>
> Quality control and assessment: A mechanism to control errors and a program to ensure that that mechanism is in fact doing its job should be in place in any scientific operation. With such programs, precision and accuracy are maximized.
>
> Operator consistency: Some operators are able to perform tasks with higher precision than are other operators. These differences should be noted in the statistics on the data produced.
>
> Instrument calibration and standardization: This process determines the accuracy of measuring instruments and devices. The accuracy of the calibration is dependent on the accuracy of the standards used.

In cases where humans make observations, the following should be considered:

Observer's inherent ability: As with the operator of an analytical instrument, some observers are better than others. Some factors affecting this are visual acuity, field of vision, ability to withstand fatigue and probably others.

Observer's current state of well-being: Day-to-day variations in observations can occur for an individual, depending on a number of physical and psychological factors. Length of time in an isolated location, length of time spent working, lack of sleep, consumption of alcohol and other factors can affect the precision of observations. Individual agencies have to make their own decisions about how best to control these factors to ensure the best precision possible.

Observer's experience: When an observer gains experience, he will produce more precise data. Search images are intensified and fewer errors are made.

Quality of visual aids: Vision is affected by the quality of microscope, binoculars, etc.

Observer's training and experience: The training of an observer has to be such that he/she is able to identify something for what it really is, in addition to always calling a particular type of object the same thing (precision). Practice with an experienced observer is useful. The more experience the observer has, the more likely he is to make the correct observation.

Observer calibration: There is no method for determining the absolute accuracy of an observer. Nevertheless, attempts should be made to calibrate different observers since there will be differences in their respective abilities. The ideal test would be to compare an observer's results to a known standard; however, such a standard does not exist for most seal measurements. The practical solution to this is to test observers relative to one another. Calibration of observers is particularly important for measurements requiring a high level of skill, such as counting seals from an aircraft. For other measurement, such as noting the presence/absence of haul-out behaviour, observer variability is unlikely to introduce bias into the results.

6.3.3 OBSERVATION CONDITIONS

Charts A, C, P, T, U involve pinniped measurements (observations) made from an aircraft or vessel. For each measurement on these charts, it is important that a precise and accurate record of environmental conditions during the observation period be kept. The concept of observation conditions includes (where applicable) wind speed and direction, precipitation, sea state, cloud ceiling, amount of glare and visibility.

Usually minimum standards for such conditions are set at the start of a program, and no measurements are attempted if the minimum conditions are not met. However, even within the range of acceptable conditions, the "sightability" of pinniped varies. Environmental conditions may also affect the proportion of time that they spend hauled-out.

6.3.4 SAMPLING PARAMETERS

Measurements taken from aircraft and vessels require a detailed record of the type of craft used, its altitude and speed, and size of area searched, in order to appraise data reliability (required for Charts A, C, F, R, T). The maintained altitude affects the length of time it takes to "recognize" a seal. Speed of craft and size of search area affect the length of time a point is in view and so affect the possibility of seeing the target. Viewing is easier from some types of aircrafts and vessels than from others. The type of craft used, distance from the target (altitude), and speed affect the amount of noise produced, and thus, can affect pinniped behaviour.

6.3.5 ON-SITE EXAMINATION

For some types of measurements, there are many different platforms from which the sampling can be conducted. Each platform and instrument has inherent disadvantages and advantages. The choice of a particular platform or instrument is usually based on a compromise between program objectives, cost, availability and practicality. The catalogues do not appraise the choice of a given platform or instrument per se, by comparing it with other available platforms or instruments (e.g. use of Platform A does not guarantee a higher rating than use of Platform B).

The only exception to this is if a platform or instrument was used which was unquestionably inappropriate (e.g. visual observation from plane to measure the girth of an animal, tusk length, etc.). In such cases, an on-site examination is required. While being "on-site" is inherent in the making of some types of measurements (e.g. body weight), some measurements can, in theory, be made either remotely (e.g. from an aircraft) or in direct contact with the animal (e.g. "on-site"). Where this criterion appears (charts B, G, H, K), it stipulates that an "on-site" examination is required.

6.3.6 IDENTIFICATION OF HUNTING PARTY, TIME AND DATE OF HUNTING EVENT (CHART D)

This criterion requires that the details surrounding a hunting event be provided (time, place, etc.). Without such information, the data concerning number of animals shot is of no biological value, although it may be useful from a socio-economic perspective.

6.3.7 SOURCE OF PELTS

Information on the source of pelts (Chart E) must be provided. With respect to pelts, harvest statistics must be explained as to what they do and do not include. For example, it is necessary that hunters, communities and the percent of the take which was kept for domestic purposes be identified, for the data to have any biological applicability.

6.3.8 PRESERVATION (CHARTS J, M, N)

Whenever a carcass, tissue, organ or stomach contents are preserved for subsequent analysis, the method and details of this preservation must be specified since different preservation methods may have a range of effects on sample integrity.

6.3.9 YAW OF AIRCRAFT, COMPASS REFERENCE POINTS (CHART T)

Yaw of an aircraft, or the deviation from the intended heading, must be recorded to obtain accurate data on the direction of travel of pinnipeds. Observers usually record an animal's heading relative to the aircraft's heading. This assumption is correct only with calm conditions, or when flying directly into or with the wind. Furthermore, compass points are exact units only if the reference point (true north or magnetic north) is indicated.

6.3.10 CHECKING FOR BEHAVIOURS/ATTRIBUTES (CHARTS K, P, V)

There are many measurements which involve an observer noting the presence or absence of an attribute or behaviour. Not only must the observer be trained to recognize the attribute or behaviour, but he/she must also consistently check and note its presence or absence with each sampling effort. These types of measurements are particularly susceptible to personal interpretation unless each term is defined as a precise series of actions. For example, "synchronous diving" and "porpoising" behaviours involve some but not all of the same actions.

6.3.11 VOCALIZATION MEASUREMENTS (CHART Q)

Recording seal vocalizations requires appropriate choice and calibration of hydrophones and recorders. Also, if a signal is to be recognized, there must be a favourable signal-to-noise ratio. The critical value of this depends on the uniqueness and strength of the signal, the hearing sensitivity and discriminating ability of the listener, and ambient noise levels. The maximum range for an array configuration used must be determined and not exceeded.

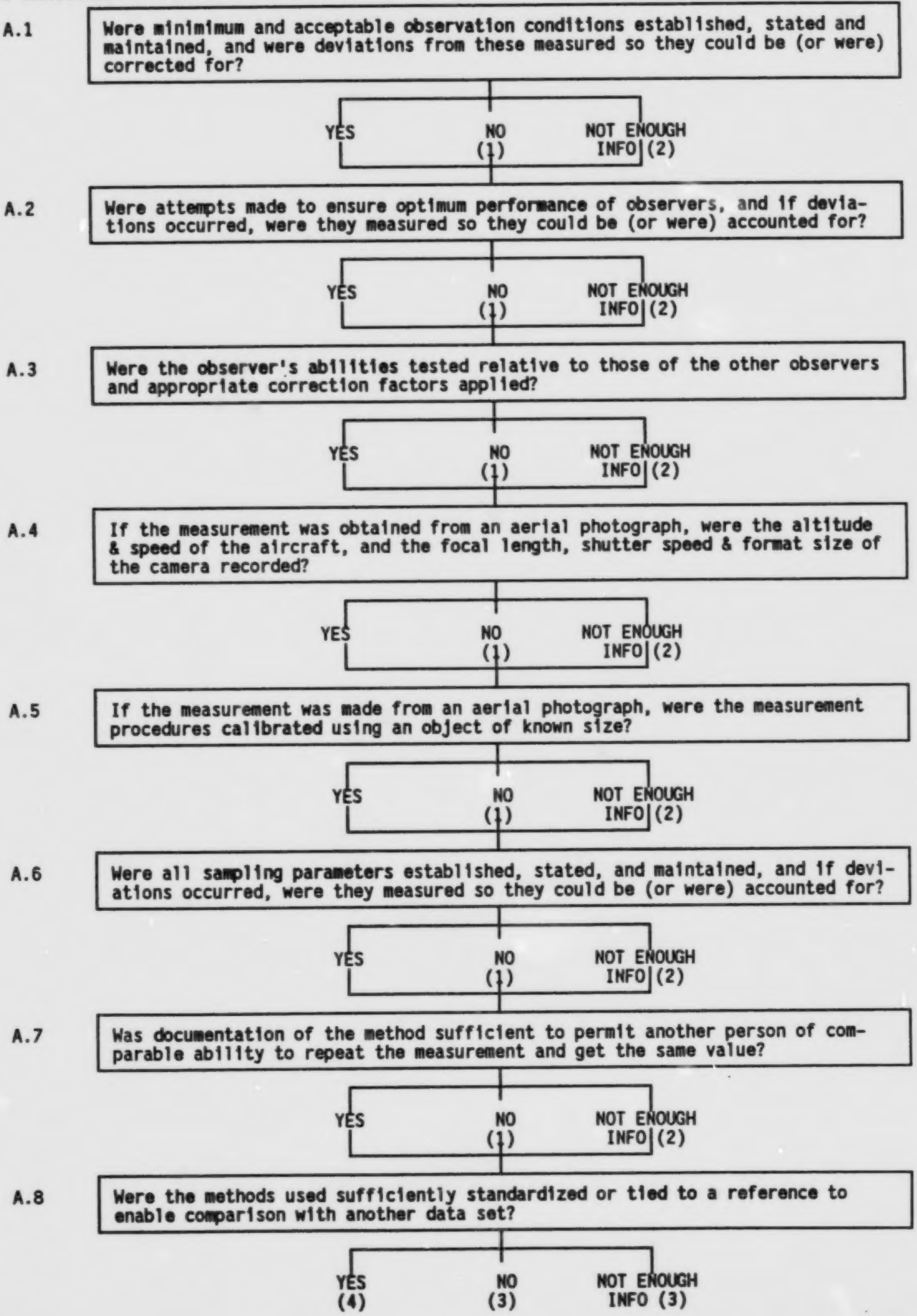
6.4 RATING CHARTS

The criteria for the appraisal are organized in 19 charts presented in this section.

CHART A

MEASUREMENTS:

# observed/aerial transect line
# unattended holes/aerial transect line
observed/vessel transect line



A.1 Were minimimum and acceptable observation conditions established, stated and maintained, and were deviations from these measured so they could be (or were) corrected for?

YES — NO (1) — NOT ENOUGH INFO (2)

A.2 Were attempts made to ensure optimum performance of observers, and if deviations occurred, were they measured so they could be (or were) accounted for?

YES — NO (1) — NOT ENOUGH INFO (2)

A.3 Were the observer's abilities tested relative to those of the other observers and appropriate correction factors applied?

YES — NO (1) — NOT ENOUGH INFO (2)

A.4 If the measurement was obtained from an aerial photograph, were the altitude & speed of the aircraft, and the focal length, shutter speed & format size of the camera recorded?

YES — NO (1) — NOT ENOUGH INFO (2)

A.5 If the measurement was made from an aerial photograph, were the measurement procedures calibrated using an object of known size?

YES — NO (1) — NOT ENOUGH INFO (2)

A.6 Were all sampling parameters established, stated, and maintained, and if deviations occurred, were they measured so they could be (or were) accounted for?

YES — NO (1) — NOT ENOUGH INFO (2)

A.7 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

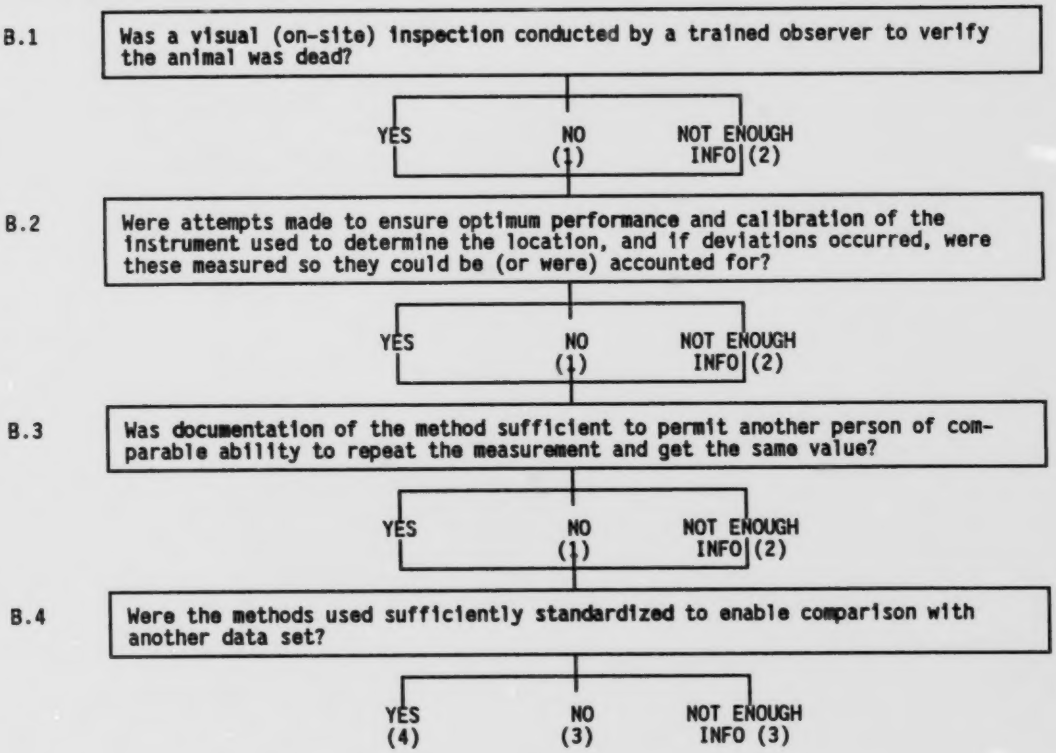
YES — NO (1) — NOT ENOUGH INFO (2)

A.8 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES (4) — NO (3) — NOT ENOUGH INFO (3)

CHART B

MEASUREMENTS:
# dead/location
# killed/location



B.1 Was a visual (on-site) inspection conducted by a trained observer to verify the animal was dead?

YES
NO (1)
NOT ENOUGH INFO (2)

B.2 Were attempts made to ensure optimum performance and calibration of the instrument used to determine the location, and if deviations occurred, were these measured so they could be (or were) accounted for?

YES
NO (1)
NOT ENOUGH INFO (2)

B.3 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

YES
NO (1)
NOT ENOUGH INFO (2)

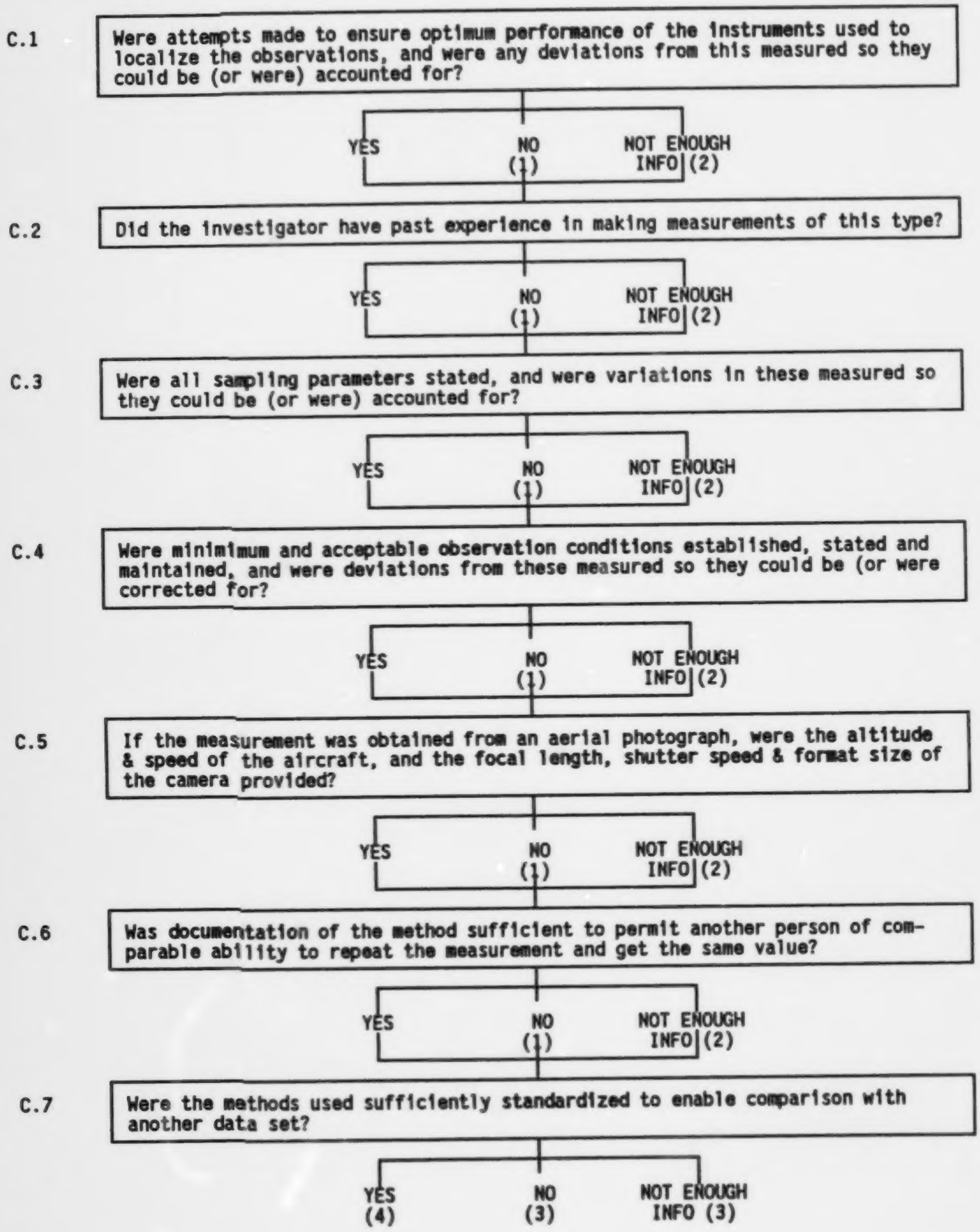
B.4 Were the methods used sufficiently standardized to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART C

MEASUREMENTS:

# observed/location
#/group (omit C.1)
# lairs/time (omit C.1)
#/distance from aircraft
unattended holes/location
observed/time (omit C.1)



C.1 Were attempts made to ensure optimum performance of the instruments used to localize the observations, and were any deviations from this measured so they could be (or were) accounted for?

C.2 Did the investigator have past experience in making measurements of this type?

C.3 Were all sampling parameters stated, and were variations in these measured so they could be (or were) accounted for?

C.4 Were minimimum and acceptable observation conditions established, stated and maintained, and were deviations from these measured so they could be (or were corrected for?

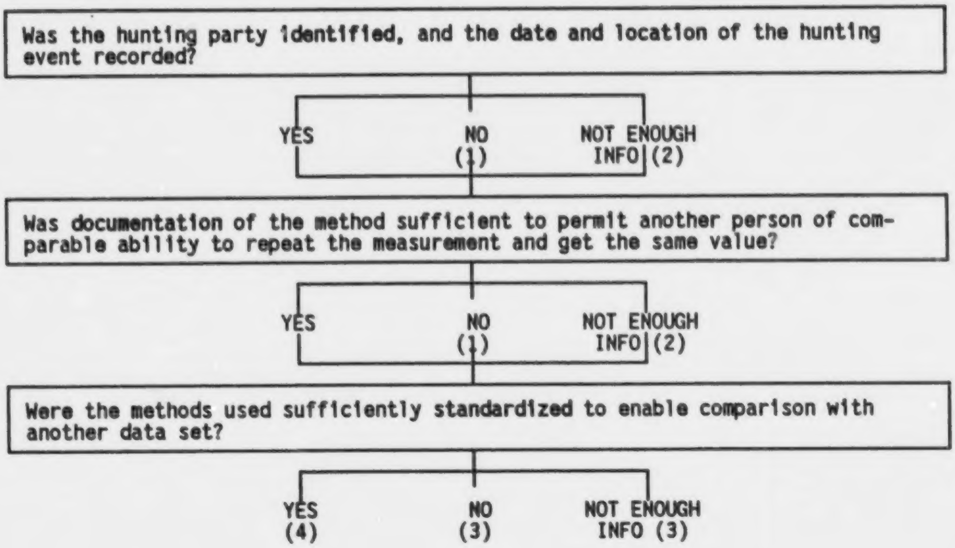
C.5 If the measurement was obtained from an aerial photograph, were the altitude & speed of the aircraft, and the focal length, shutter speed & format size of the camera provided?

C.6 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

C.7 Were the methods used sufficiently standardized to enable comparison with another data set?

CHART D

MEASUREMENTS:
# shot & lost/location
# shot & landed/location



D.1 Was the hunting party identified, and the date and location of the hunting event recorded?

YES
NO (1)
NOT ENOUGH INFO (2)

D.2 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

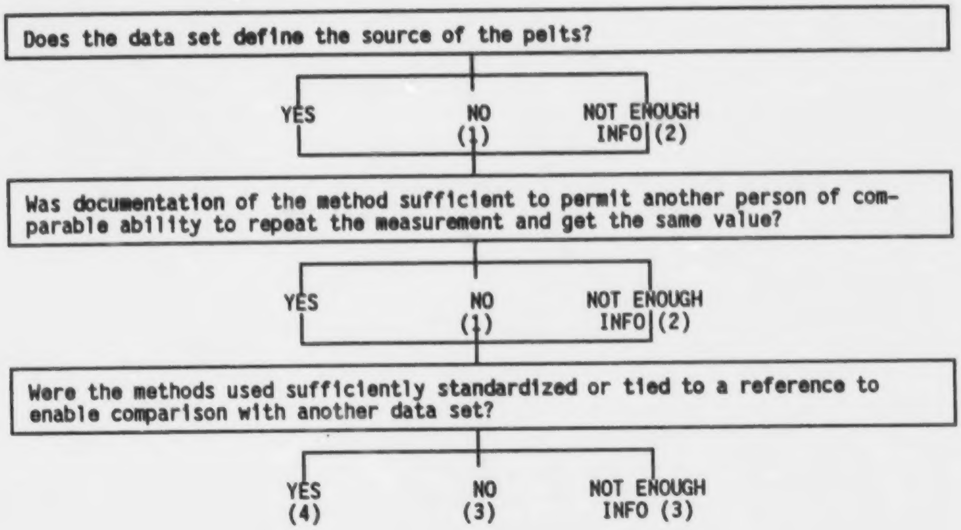
YES
NO (1)
NOT ENOUGH INFO (2)

D.3 Were the methods used sufficiently standardized to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART E

MEASUREMENTS:
# shot & traded/community
# shot & not traded/community



E.1 Does the data set define the source of the pelts?

E.2 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

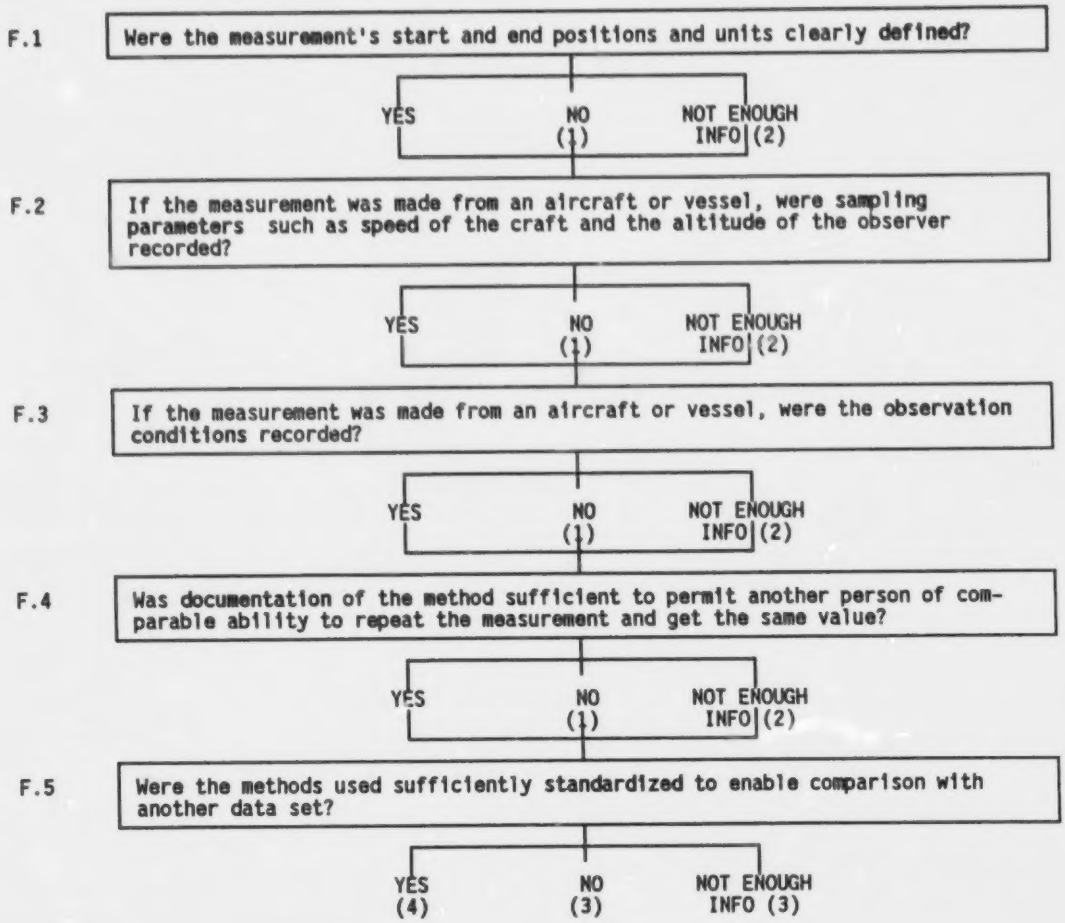
E.3 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART F

MEASUREMENTS:

surface time
dive time
duration of haul-out bout



F.1 Were the measurement's start and end positions and units clearly defined?

F.2 If the measurement was made from an aircraft or vessel, were sampling parameters such as speed of the craft and the altitude of the observer recorded?

F.3 If the measurement was made from an aircraft or vessel, were the observation conditions recorded?

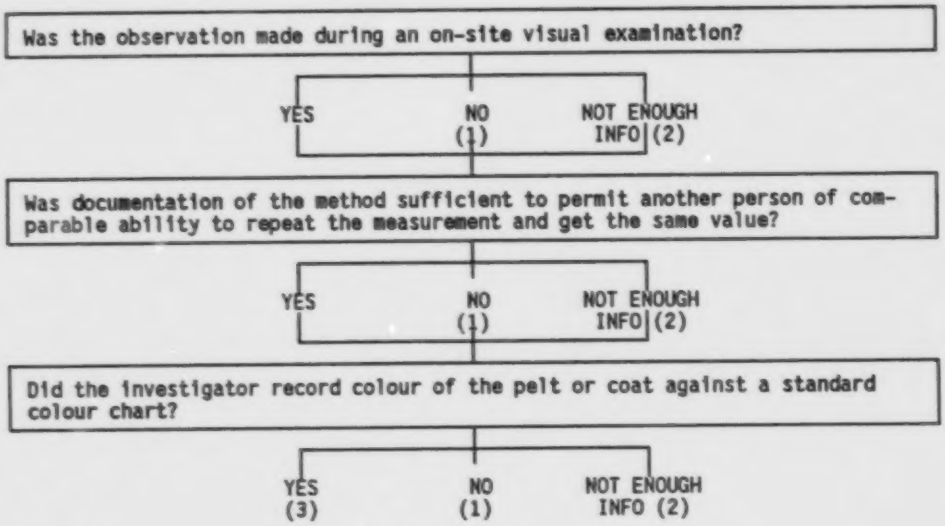
F.4 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

F.5 Were the methods used sufficiently standardized to enable comparison with another data set?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART G

MEASUREMENTS:
coat colour
pelt colour



G.1 Was the observation made during an on-site visual examination?

G.2 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

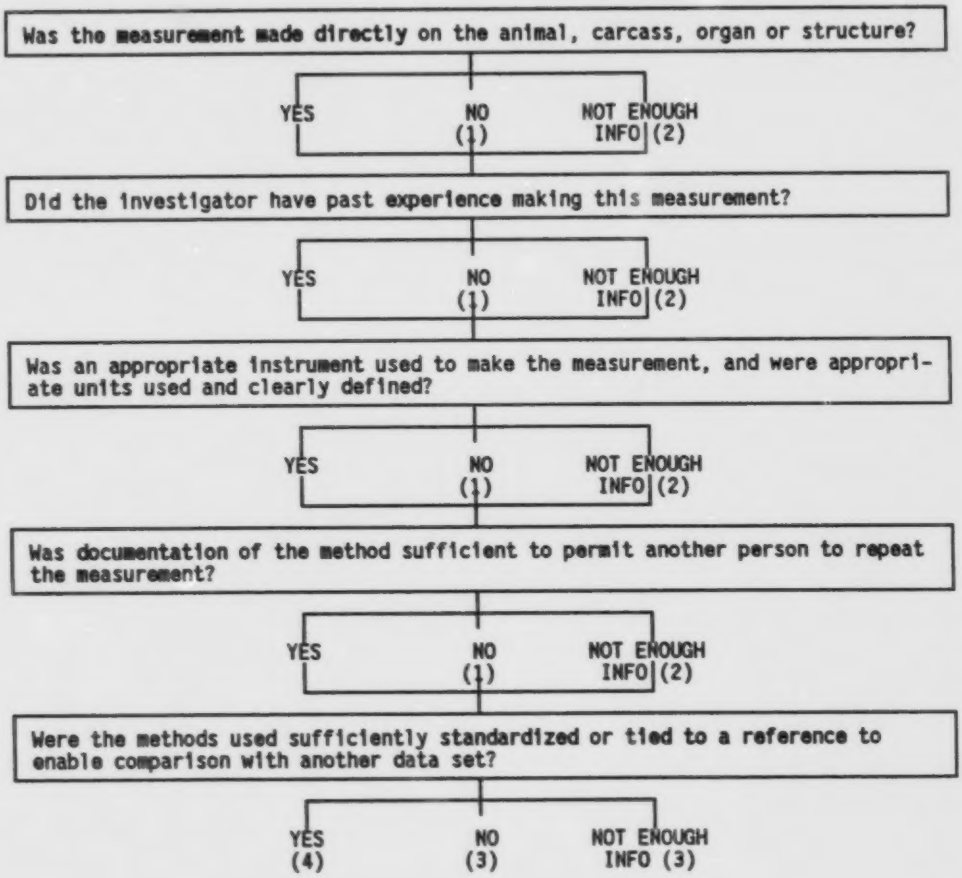
G.3 Did the investigator record colour of the pelt or coat against a standard colour chart?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (3)
NO (1)
NOT ENOUGH INFO (2)

CHART H

MEASUREMENTS:

standard length
body length
hindflipper length
tail length
axillary girth
maximum girth
blubber thickness
standard length, pelt
condylobasal length
zygomatic breadth
mastoidal breadth
braincase breadth
interorbital breadth (least)
palatal breadth
nasal length
nasal breadth
maxillary tooth row length
condyle breadth
rostral breadth
braincase height
pre-maxilla length
palatal length
condylopotal length
baculum length



H.1 Was the measurement made directly on the animal, carcass, organ or structure?

YES
NO (1)
NOT ENOUGH INFO (2)

H.2 Did the investigator have past experience making this measurement?

YES
NO (1)
NOT ENOUGH INFO (2)

H.3 Was an appropriate instrument used to make the measurement, and were appropriate units used and clearly defined?

YES
NO (1)
NOT ENOUGH INFO (2)

H.4 Was documentation of the method sufficient to permit another person to repeat the measurement?

YES
NO (1)
NOT ENOUGH INFO (2)

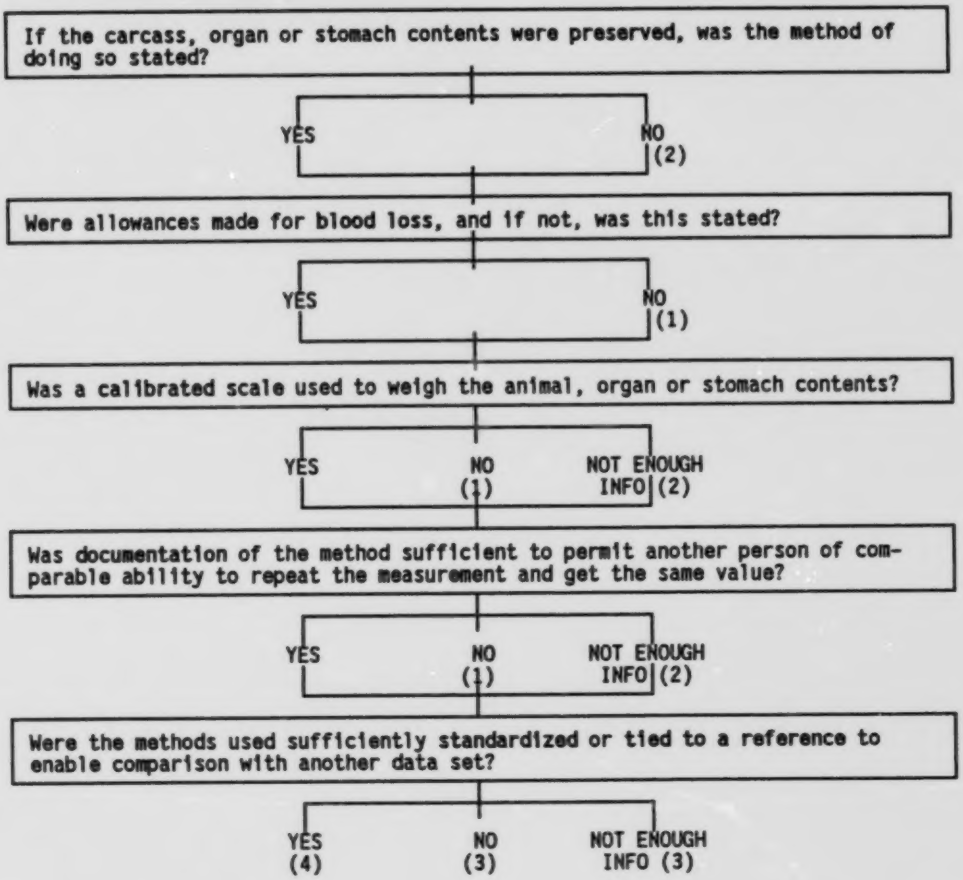
H.5 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART J

MEASUREMENTS:

body weight
spleen weight (by-pass J.2)
stomach contents, weight (by-pass J.2)



J.1 If the carcass, organ or stomach contents were preserved, was the method of doing so stated?

J.2 Were allowances made for blood loss, and if not, was this stated?

J.3 Was a calibrated scale used to weigh the animal, organ or stomach contents?

J.4 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

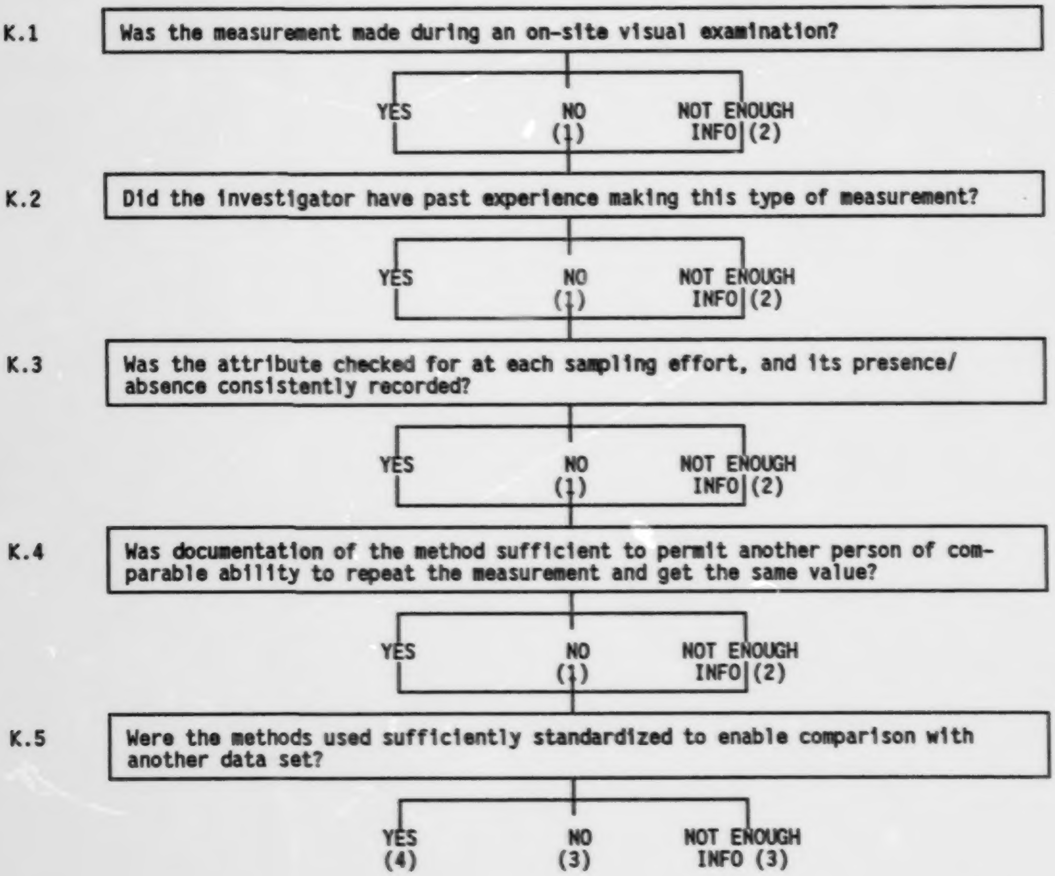
J.5 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES
NO (2)
YES
NO (1)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART K

MEASUREMENTS:

tusk, p/a
markings, p/a
foetus, p/a
breeding odour, p/a
corpus luteum, p/a
corpus albicans, p/a
follicular activity, p/a
scars on uterine horns, p/a
rookery stain, p/a
rookery depression, p/a
pup in lair, p/a
placenta remains, p/a
stomach contents, p/a
polychaete in mouth, p/a
internal parasites, p/a
molestation by swan, p/a
pursuit by bear, p/a
bear digs, p/a
fox digs, p/a
blood on lair floor, p/a
frozen out, p/a
diving during approach by person, p/a
head raising, p/a
rubbing, p/a
scratching, p/a
scooping air with flippers, p/a
breathing, p/a
inhalation, p/a
exhalation, p/a
sinking when shot, p/a



K.1 Was the measurement made during an on-site visual examination?

K.2 Did the investigator have past experience making this type of measurement?

K.3 Was the attribute checked for at each sampling effort, and its presence/absence consistently recorded?

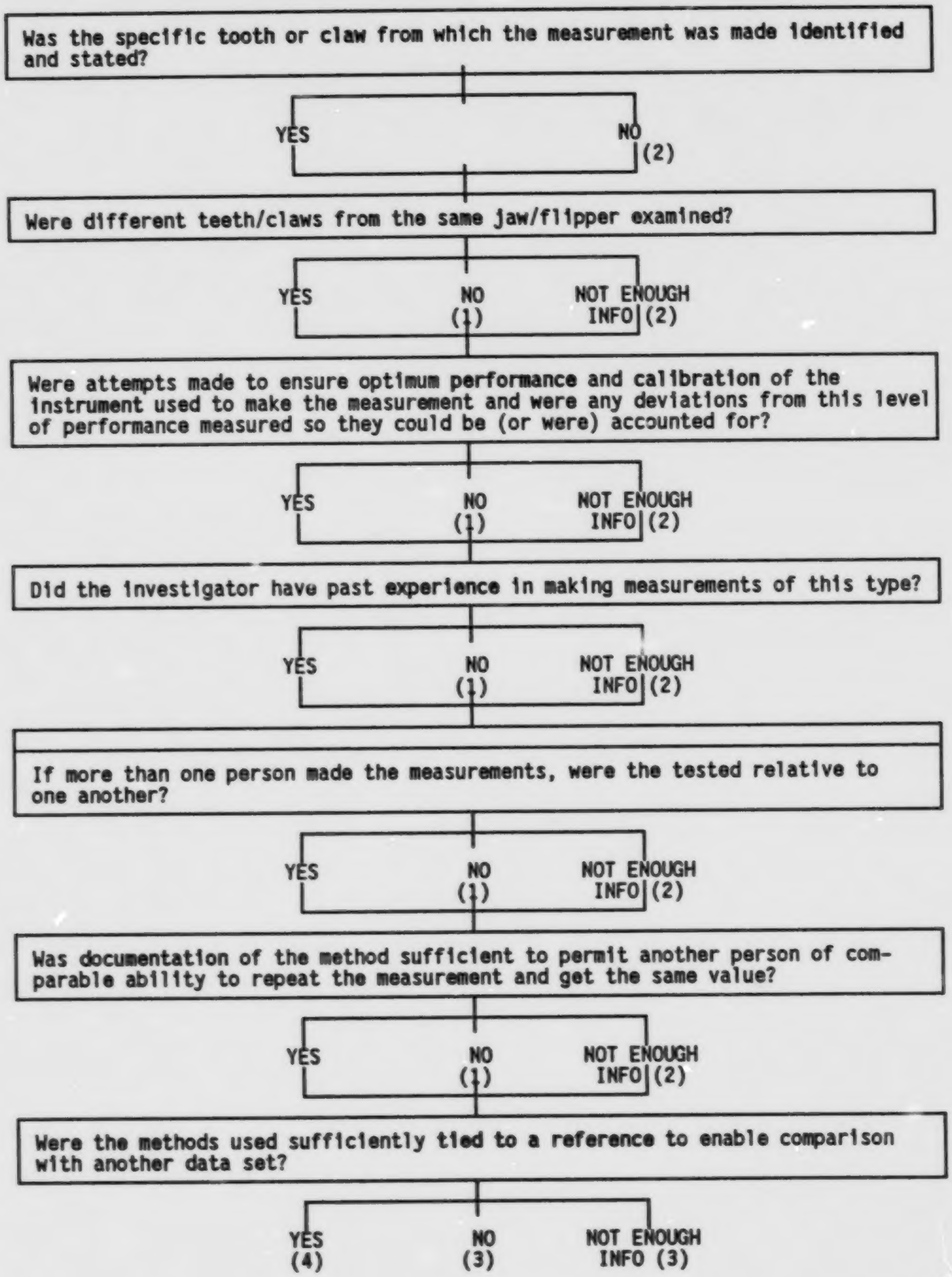
K.4 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

K.5 Were the methods used sufficiently standardized to enable comparison with another data set?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART L

MEASUREMENTS:
# cementum annuli, canines
# claw annuli



L.1 Was the specific tooth or claw from which the measurement was made identified and stated?

L.2 Were different teeth/claws from the same jaw/flipper examined?

L.3 Were attempts made to ensure optimum performance and calibration of the instrument used to make the measurement and were any deviations from this level of performance measured so they could be (or were) accounted for?

L.4 Did the investigator have past experience in making measurements of this type?

L.5 If more than one person made the measurements, were the tested relative to one another?

L.6 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

L.7 Were the methods used sufficiently tied to a reference to enable comparison with another data set?

YES
NO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART M

MEASUREMENTS:
fat content

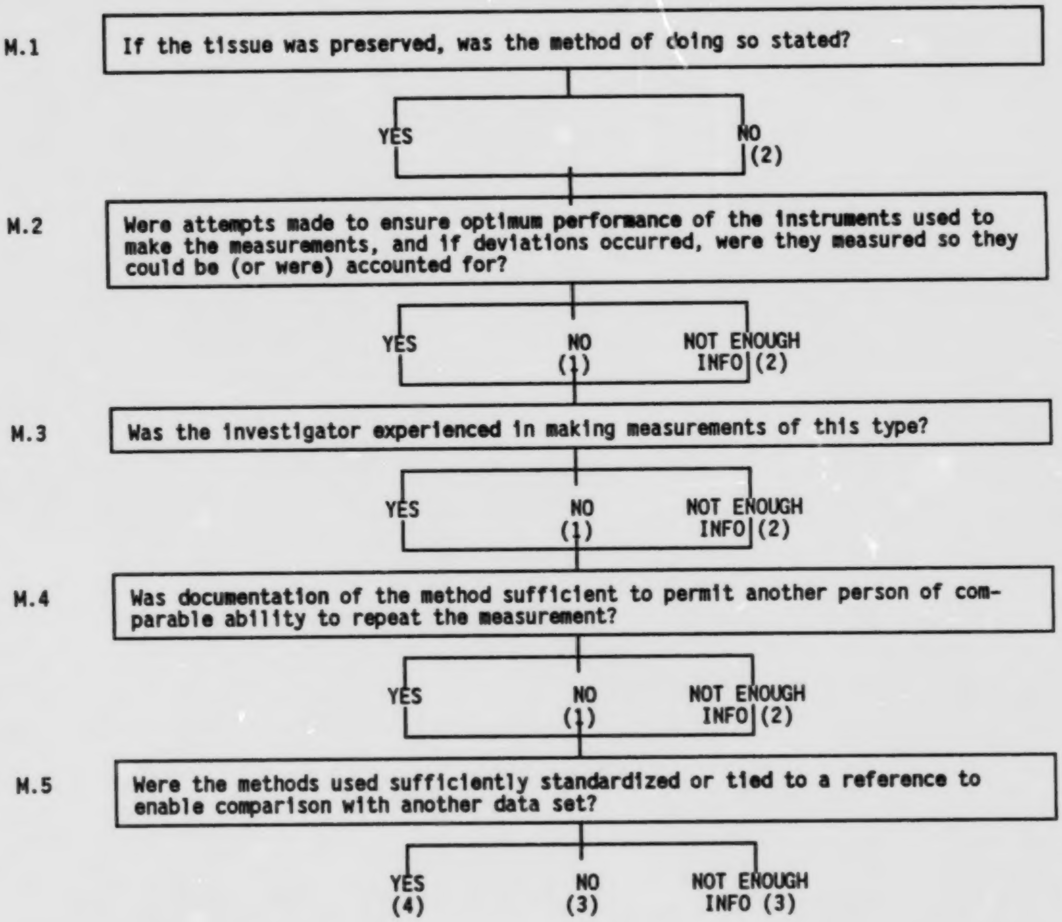
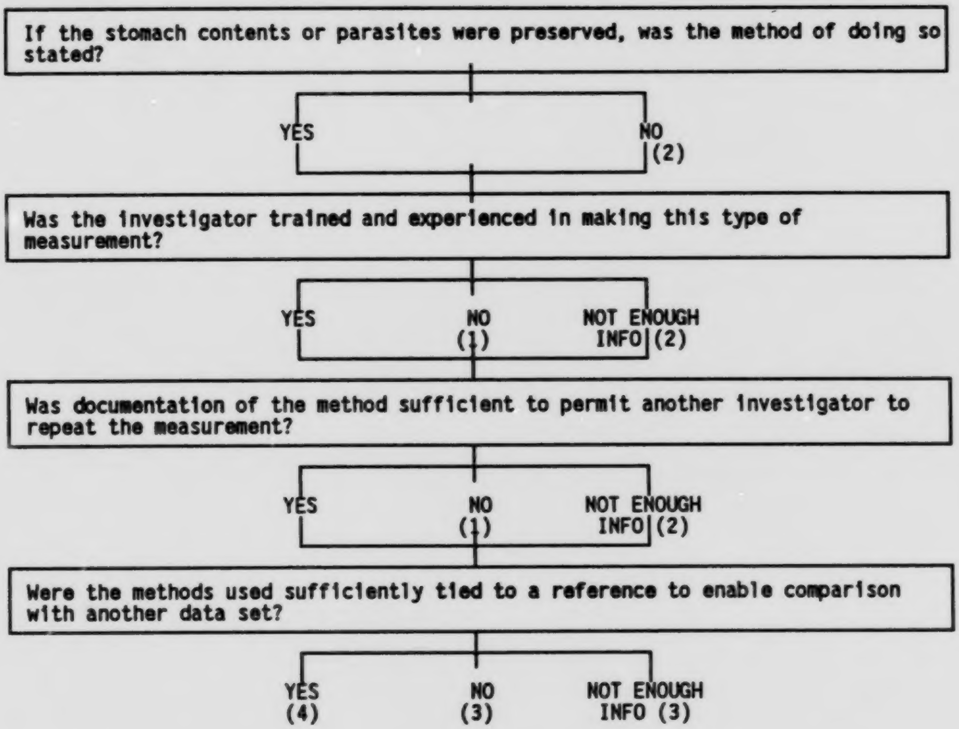

M.1
If the tissue was preserved, was the method of doing so stated?
YES
NO (2)
M.2
Were attempts made to ensure optimum performance of the instruments used to make the measurements, and if deviations occurred, were they measured so they could be (or were) accounted for?
YES
NO (1)
NOT ENOUGH INFO (2)
M.3
Was the investigator experienced in making measurements of this type?
YES
NO (1)
NOT ENOUGH INFO (2)
M.4
Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement?
YES
NO (1)
NOT ENOUGH INFO (2)
M.5
Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART N

MEASUREMENTS:
identification of parasites
stomach contents, volume



N.1 If the stomach contents or parasites were preserved, was the method of doing so stated?

YES
NO (2)

N.2 Was the investigator trained and experienced in making this type of measurement?

YES
NO (1)
NOT ENOUGH INFO (2)

N.3 Was documentation of the method sufficient to permit another investigator to repeat the measurement?

YES
NO (1)
NOT ENOUGH INFO (2)

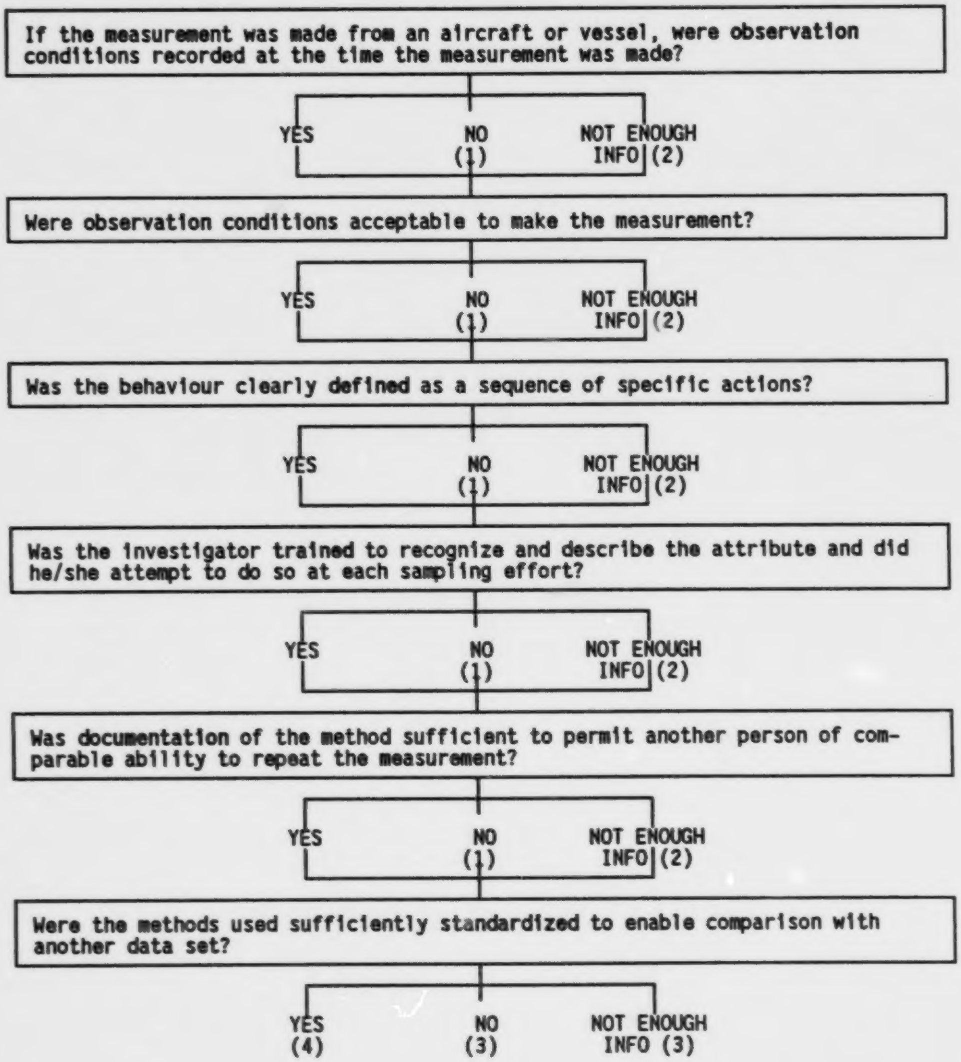
N.4 Were the methods used sufficiently tied to a reference to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART P

MEASUREMENTS:

haul-out on ice
haul-out on land
attending hole
attending crack
attending lead
assoc. with birds
assoc. with whales
diving during fly-by
diving during approach by vessel
synchronous diving
distance between individuals
position in water



P.1 If the measurement was made from an aircraft or vessel, were observation conditions recorded at the time the measurement was made?

P.2 Were observation conditions acceptable to make the measurement?

P.3 Was the behaviour clearly defined as a sequence of specific actions?

P.4 Was the investigator trained to recognize and describe the attribute and did he/she attempt to do so at each sampling effort?

P.5 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement?

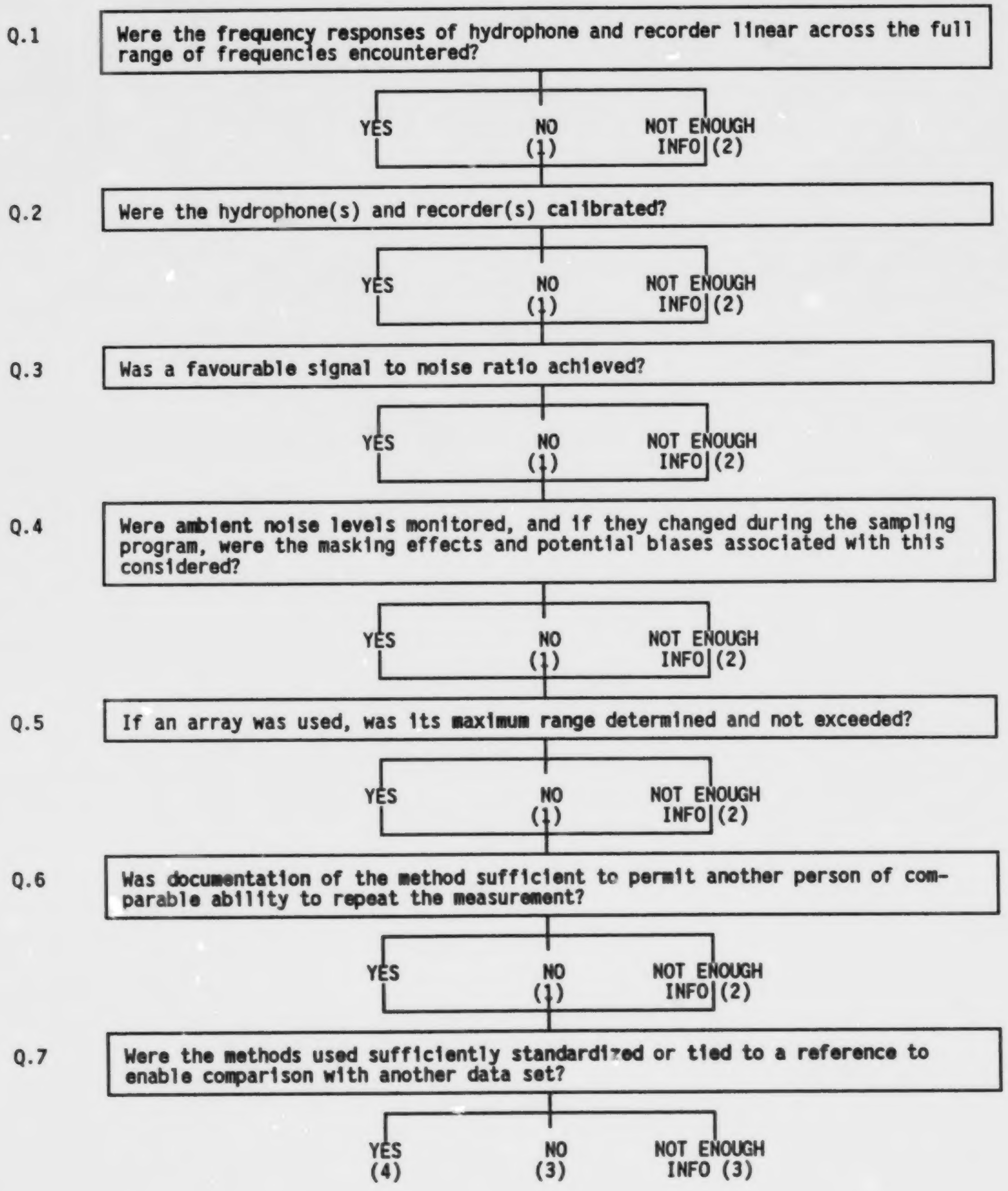
P.6 Were the methods used sufficiently standardized to enable comparison with another data set?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART Q

MEASUREMENTS:

vocalization rate
vocalization frequency
vocalization duration
vocalization slope



Q.1 Were the frequency responses of hydrophone and recorder linear across the full range of frequencies encountered?

Q.2 Were the hydrophone(s) and recorder(s) calibrated?

Q.3 Was a favourable signal to noise ratio achieved?

Q.4 Were ambient noise levels monitored, and if they changed during the sampling program, were the masking effects and potential biases associated with this considered?

Q.5 If an array was used, was its maximum range determined and not exceeded?

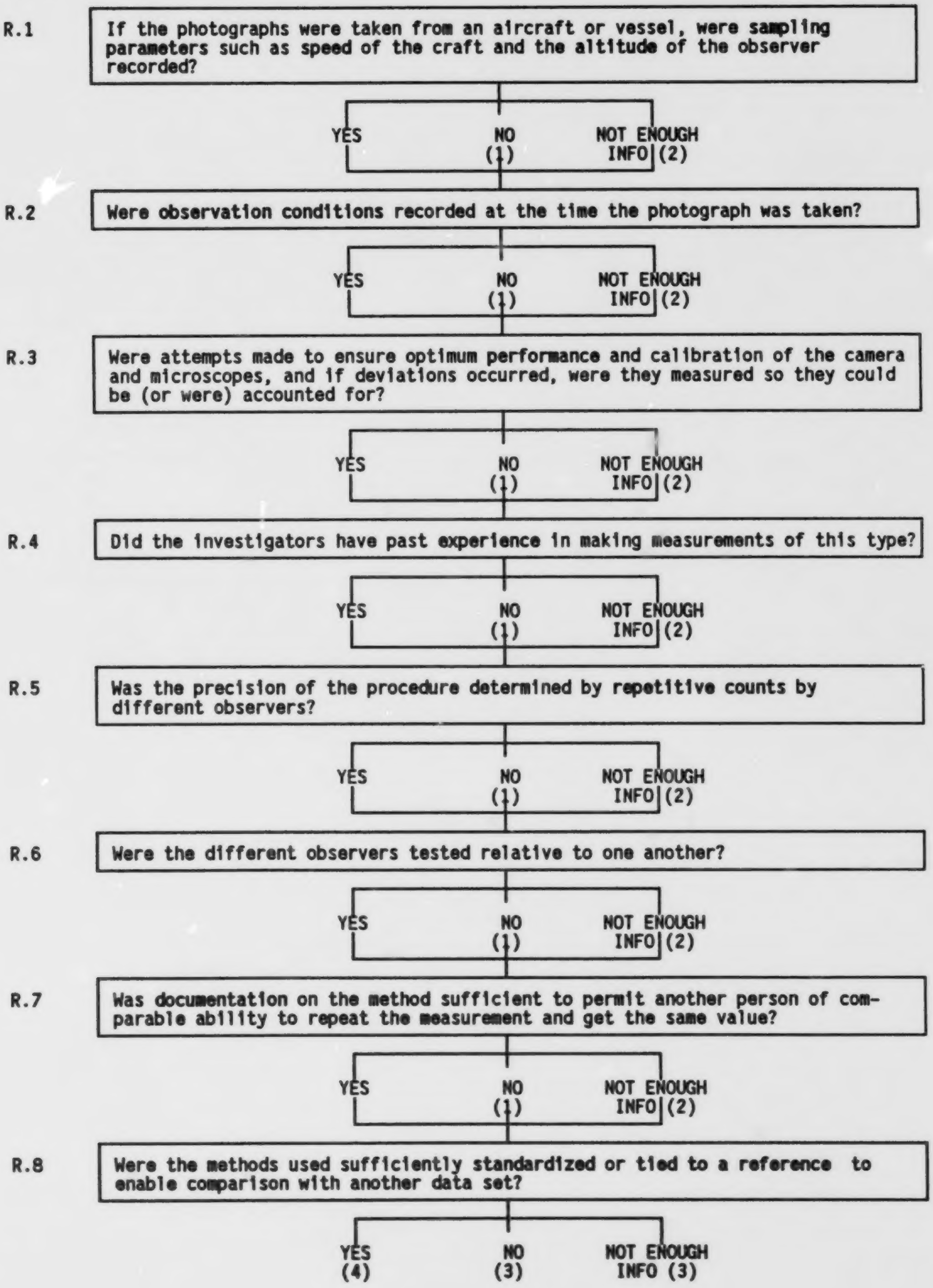
Q.6 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement?

Q.7 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES
NO (1)
NOT ENOUGH INFO (2)
YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART R

MEASUREMENT:
#/photograph   # holes/photograph



R.1 If the photographs were taken from an aircraft or vessel, were sampling parameters such as speed of the craft and the altitude of the observer recorded?

YES — NO (1) — NOT ENOUGH INFO (2)

R.2 Were observation conditions recorded at the time the photograph was taken?

YES — NO (1) — NOT ENOUGH INFO (2)

R.3 Were attempts made to ensure optimum performance and calibration of the camera and microscopes, and if deviations occurred, were they measured so they could be (or were) accounted for?

YES — NO (1) — NOT ENOUGH INFO (2)

R.4 Did the investigators have past experience in making measurements of this type?

YES — NO (1) — NOT ENOUGH INFO (2)

R.5 Was the precision of the procedure determined by repetitive counts by different observers?

YES — NO (1) — NOT ENOUGH INFO (2)

R.6 Were the different observers tested relative to one another?

YES — NO (1) — NOT ENOUGH INFO (2)

R.7 Was documentation on the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

YES — NO (1) — NOT ENOUGH INFO (2)

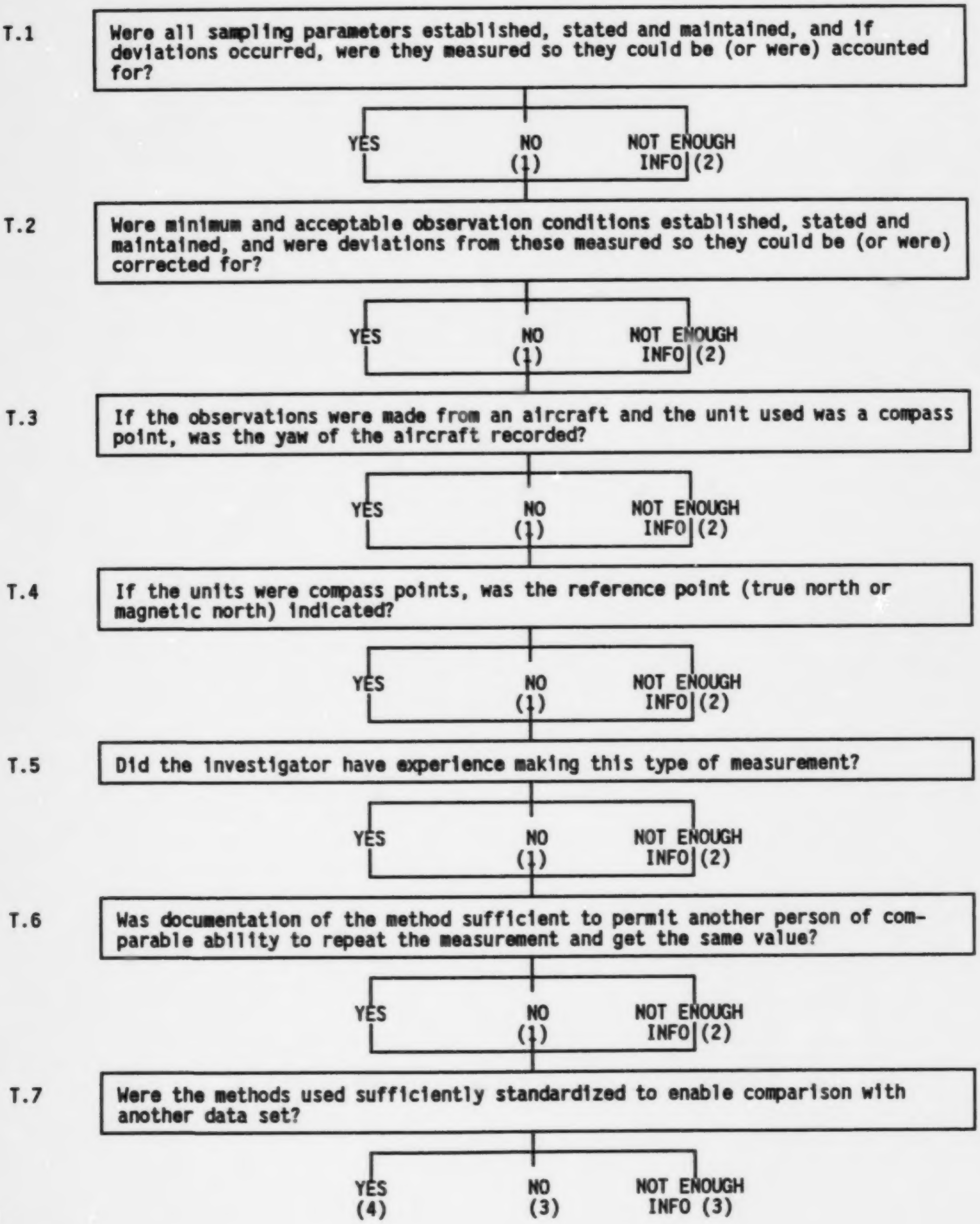
R.8 Were the methods used sufficiently standardized or tied to a reference to enable comparison with another data set?

YES (4) — NO (3) — NOT ENOUGH INFO (3)

CHART T

MEASUREMENTS:

heading
orientation relative to sun
ascent angle
descent angle



T.1 Were all sampling parameters established, stated and maintained, and if deviations occurred, were they measured so they could be (or were) accounted for?

T.2 Were minimum and acceptable observation conditions established, stated and maintained, and were deviations from these measured so they could be (or were) corrected for?

T.3 If the observations were made from an aircraft and the unit used was a compass point, was the yaw of the aircraft recorded?

T.4 If the units were compass points, was the reference point (true north or magnetic north) indicated?

T.5 Did the investigator have experience making this type of measurement?

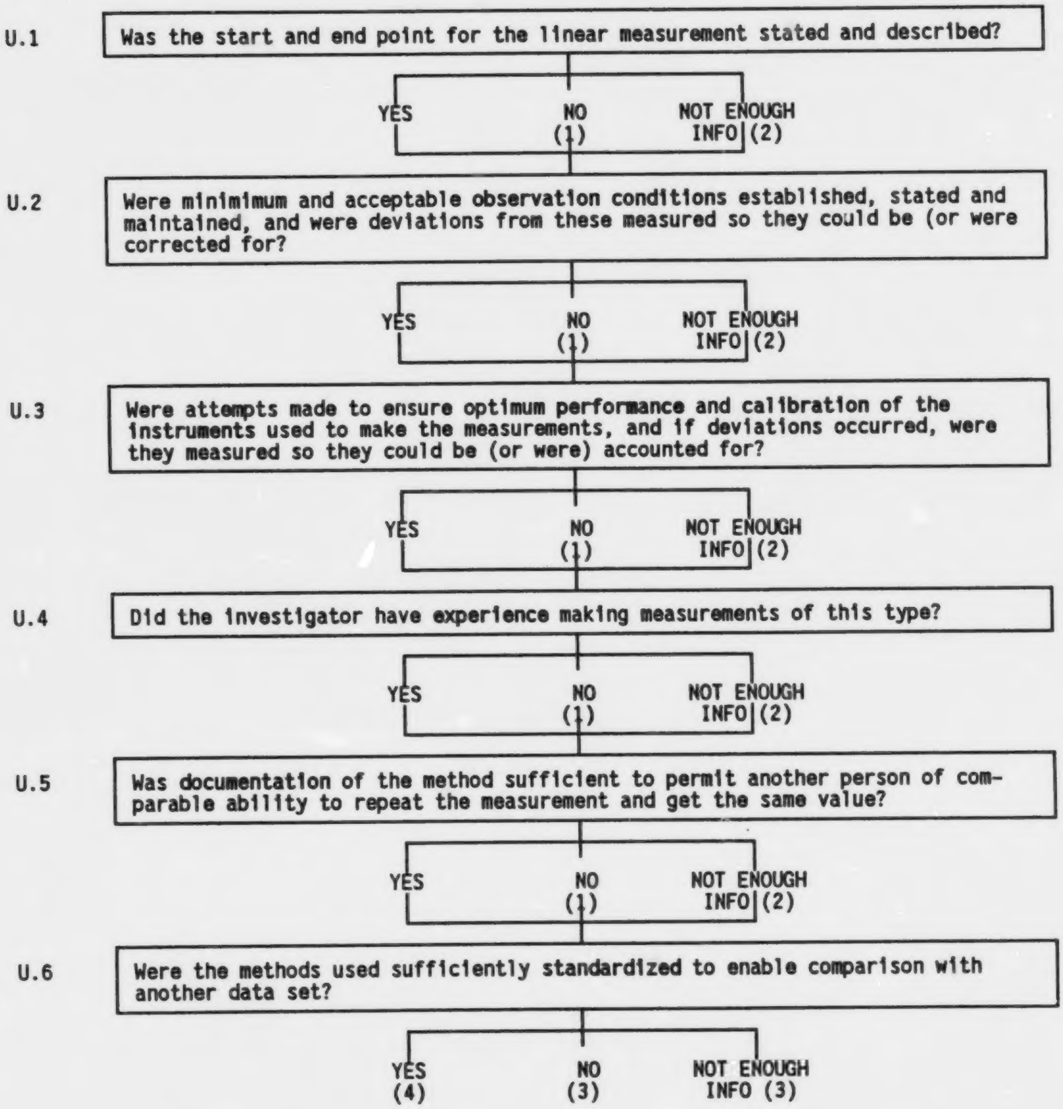
T.6 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

T.7 Were the methods used sufficiently standardized to enable comparison with another data set?

CHART U

MEASUREMENTS:

corpus leuteum diameter (omit U.2)
corpus albicans diameter (omit U.2)
distance between surfacings
proximity to divers (omit U.2)
dive depth
breathing hole diameter (omit U.2)
distance to nearest lair (omit U.2)
lair height (omit U.2)
lair dimensions (max.) (omit U.2)
distance of seal/walrus from shore
distance of hole from shore
distance between holes



U.1 Was the start and end point for the linear measurement stated and described?

YES
NO (1)
NOT ENOUGH INFO (2)

U.2 Were minimimum and acceptable observation conditions established, stated and maintained, and were deviations from these measured so they could be (or were corrected for?

YES
NO (1)
NOT ENOUGH INFO (2)

U.3 Were attempts made to ensure optimum performance and calibration of the instruments used to make the measurements, and if deviations occurred, were they measured so they could be (or were) accounted for?

YES
NO (1)
NOT ENOUGH INFO (2)

U.4 Did the investigator have experience making measurements of this type?

YES
NO (1)
NOT ENOUGH INFO (2)

U.5 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

YES
NO (1)
NOT ENOUGH INFO (2)

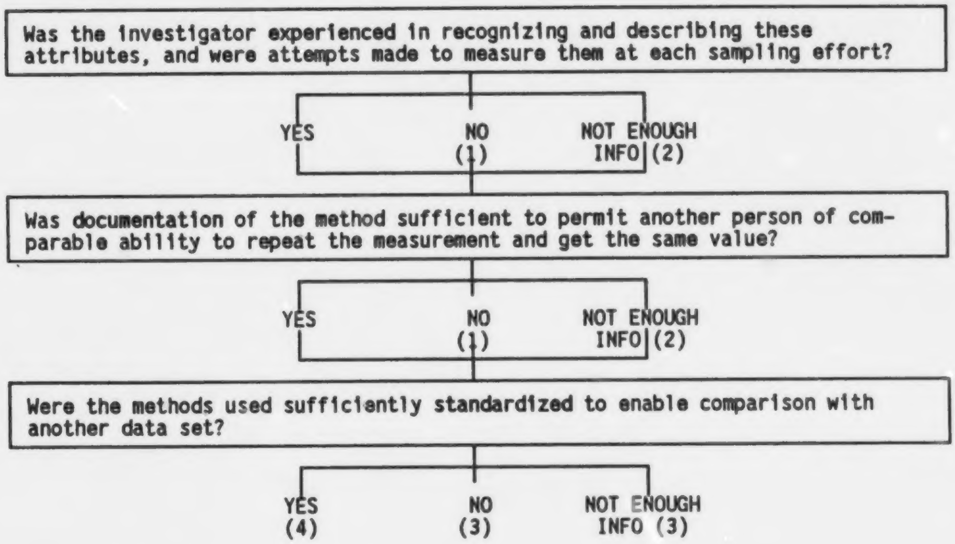
U.6 Were the methods used sufficiently standardized to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

CHART V

MEASUREMENTS:

relative stomach fullness
condition of tusk
age class
sex
degree of scarring
moulting



V.1 Was the investigator experienced in recognizing and describing these attributes, and were attempts made to measure them at each sampling effort?

YES
NO (1)
NOT ENOUGH INFO (2)

V.2 Was documentation of the method sufficient to permit another person of comparable ability to repeat the measurement and get the same value?

YES
NO (1)
NOT ENOUGH INFO (2)

V.3 Were the methods used sufficiently standardized to enable comparison with another data set?

YES (4)
NO (3)
NOT ENOUGH INFO (3)

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8. DATA CATALOGUE TABLES

Data Catalogue Table 1: Summary Listing of Data Sets

Table 1 presents a summary listing of all of the data sets included in this catalogue. The information on each data set contained in this table is described below, by column.

Data Set I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year during which the study began; the last four digits of the I.D. is the identifier number for the data set. The subscript $_{18}$ indicates data sets obtained in the 1800's. The data sets are ordered chronologically, by year of study commencement.

Collecting Agency

The collecting agency is the government organization or private company which conducted the study. If different from the collecting agency, the funding agency or vessel name is given in parentheses. Agency names are given as reported, and agencies whose names are known to have changed are denoted with an asterisk (*). These include:

Current Name	Previous Name
Department of Fisheries and Oceans	Fisheries Branch 1915-30 Department of Fisheries 1930-68 Dept. of Fisheries and Forestry 1968-70 Fisheries and Marine Service 1970-76 Dept. of Fisheries and Environment 1976-79
Indian and Northern Affairs Canada	Dept. of Northern Affairs and National Resources Department of Indian Affairs and Northern Development
ESSO Resources Canada Ltd.	Imperial Oil Co. Ltd.
Wildlife Service (Government of the Northwest Territories)	Game Management Service
Dept. of Energy, Mines and Resources	Mines and Technical Surveys

Collecting Period

The collecting period is the time actually spent within the limits of the region (see Fig. 2.1). If known, precise dates are given. If general timing was given instead of the precise date, then the level of information which was provided is shown in the table (e.g. "summer" or "May"). In cases where neither a precise date nor a general time frame was given, "NS" (not specified) appears. A question mark (?) denotes uncertainty with respect to the date given.

Data sets are usually limited to information gathered in one year. The two exceptions are: extended cruises in the region with the same crew and the same objectives, and historic publications which contain material summarized from several sources with no indication of when specific information was obtained.

Area

Subregions where the measurements were made are listed in this column. Specific locations are given in parentheses, and shown on Figure 2.1.

Taxa Reported

The species to which the measurements pertain are indicated in this column. Abbreviations for each species are:

RS	ringed seal (Phoca hispida)
BS	bearded seal (Erignathus barbatus)
UP	unidentified pinniped (species not given)
WA	walrus (Odobenus rosmarus)
HB	harbour seal (Phoca vitulina)
HA	harp seal (Phoca groenlandica)
HD	hooded seal (Cystophora cristata)

Seal and Walrus Measurements or Observations

This column contains the specific types of pinniped measurements recorded. The information is listed according to 11 categories: Number, Identification, Morphometrics, Age, Reproduction, Food, Parasites/Predators, Movements, Behaviour, Physiology and Other/Habitat. Within each category, the specific measurements or observations (parameters) are given. If there was any doubt whether a data set contained information on a parameter (because the data were examined only in report form), the parameter has been included.

Concurrent Measurements

"Non-pinniped" measurements obtained during a study are indicated here, and are listed according to discipline: biology, chemistry, and physics. Concurrent biological measurements are given by taxonomic group and measurement categories. Concurrent physical measurements are given for atmosphere, ice, water column, sediment and biota. Concurrent chemical measurements are given for ice, atmosphere, water column and substrate.

Remarks

The purpose of the study, if other than making seal measurements or observations, has been indicated in this column. Series of data sets (consecutive years of study by same investigator with similar objectives each year) have also been indicated. Numbered "notes" used in this table are explained below:

Note 6. There is an additional but undetermined number of seal measurments made in this data set.

Note 8. Many more behavioural, physiological, and morphometric measurements were made during this study, but in a localized area outside the boundaries defined for the catalogue.

TABLE 1

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
18^{34}-0001	British Admiralty	July NS - Aug. NS	Chantrey Inlet Montreal Island	UP WA	Number # observed/location # killed/location Identification species	Birds Number Identification Ice-associated Mammals Number Identification Behaviour Terrestrial Mammals Number Identification Morphometrics		Atmosphere Wind Speed Wind Direction Precipitation Ice Type Thickness Water Column Water Level	
18^{38}-0001	Hudson's Bay Company	July 17 - Sep. 03, 1838; July 03 - Sep.(?), 1939	Arctic Sound Bathurst Inlet Coronation Gulf Melville Sound Montreal Island	UP	Number # observed/location # shot & lost/location # shot & landed/location Morphometrics markings, p/a Behaviour diving during approach by person Physiology sinking when shot	Fish - Anadromous Number Identification Morphometrics Birds Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification Morphometrics Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Type Thickness Water Column Water Level	Exploration
18^{50}-0001	British Admiralty (Investigator)	Sep. 1850 - Sep. 1854	Barrow Strait M'Clure Strait Prince of Wales Strait	UP WA	Number # observed/location # shot & landed/location Identification species Behaviour attending hole	Fish - Marine Number Morphometrics Birds Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification Morphometrics Terrestrial Mammals Number Identification Age Reproduction		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Water Column Temperature Salinity Current Direction Depth Water Level Ice Type Thickness	
18^{51}-0001	British Admiralty (H.M.S. Enterprise)	Aug. 30, 1851 - Aug., 1853	Cambridge Bay Coronation Gulf Dease Strait Dolphin & Union Strait Prince of Wales Strait Victoria Strait	UP	Number # observed/location Behaviour haul-out on ice	Birds Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Type Thickness Water Column Depth Water Level	Searching for Franklin Expedition

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
18^{52}-0002	British Admiralty	Apr. 19(?) - NS	Barrow Strait	UP	Number # observed/location Behaviour haul-out on ice				Searching for Franklin Expedition
18^{58}-0002	British Admiralty (*Yacht Fox*)	July 1858 - Aug. 1859	Admiralty Inlet, Arctic Bay, Barrow Strait, Batty Bay, Bellot Strait, Brentford Bay, Chantrey Inlet, Creswell Bay, Elwin Bay, Franklin Strait, Fury & Hecla Strait, Gulf of Boothia, Lancaster Sound, Montreal Island, Peel Sound, Prince Regent Inlet, Simpson Strait, Victoria Strait	UP WA	Number # observed/location # shot & lost/location # shot & landed/location Identification species Behaviour haul-out on ice Physiology sinking when shot	Birds Number Identification Reproduction Cetaceans Number Ice-associated Mammals Number Identification Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Current Direction	Searching for Franklin Expedition
18^{75}-0001	British Admiralty (*Pandora*)	Aug. 20 - Sep. 07	Admiralty Inlet, Barrow Strait, Bellot Strait, Cunningham Inlet, Lancaster Sound, Peel Sound, Prince Regent Inlet	BS UP	Number # observed/location # shot & lost/location # shot & landed/location Identification species Behaviour haul-out on ice haul-out on land Physiology sinking when shot	Birds Number Identification Movement Behaviour Cetaceans Number Identification Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Current Direction Current Speed Depth	
18^{79}-0001	Schwatka	May(?) - Sep. NS	Chantrey Inlet, Montreal Island, Richard Collinson Inlet, Simpson Strait, Victoria Strait	RS BS UP WA	Number # shot & landed/location # shot & lost/location Identification species Morphometrics coat colour markings, p/a body weight Behaviour haul-out on ice attending hole	Fish - Anadromous Number Identification Birds Number Identification Morphometrics Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Atmosphere Air Temperature Ice Type	Searching for Franklin Expedition
03-0004	Dominion of Canada (D.G.S. *Neptune*)	Aug. 12-18, 1904	Barrow Strait, Cuming Creek, Lancaster Sound, Prince Regent Inlet	UP WA	Number # observed/location Identification species Behaviour assoc. with birds	Birds Number Identification Cetaceans Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
03-0004 (cont'd)						Terrestrial Mammals Number Identification		Ice Type	
08-0001	Dominion of Canada (C.G.S. Arctic)	Aug. 22(?), 1908 - Aug. 14(?), 1909; Aug. 22-31, 1909	Barrow Strait, Bridport Inlet, Lancaster Sound, Liddon Gulf, M'Clure Strait, Prince of Wales Strait, Viscount Melville Sound, Winter Harbour	RS BS UP WA HB	Number # observed/location # unattended holes/location #/group # shot & traded/community # shot & not traded/community Identification species Behaviour haul-out on ice attending crack diving during approach by person	Zooplankton Number Identification Fish - Anadromous Number Identification Morphometrics Birds Number Identification Age Reproduction Food Movements Behaviour Cetaceans Number Identification Morphometrics Age Reproduction Ice-associated Mammals Number Identification Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour	Water Column Other	Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Thickness Water Column Temperature Current Direction Depth Water Level	
12-0002	Dominion of Canada (Minnie Maud)	Nov. 01, 1912 - Mar. 07, 1913	Adams Sound, Admiralty Inlet, Arctic Bay, Baillarge Bay, Elwin Inlet, Fury & Hecla Strait, Lancaster Sound, Moffet Inlet, Strathcona Sound, Victor Bay	RS BS UP WA HD HA HB	Number # observed/location # shot & lost/location # shot & landed/location Identification species Behaviour haul-out on ice attending crack	Fish - Anadromous Number Identification Morphometrics Reproduction Food Birds Number Identification Food Cetaceans Number Identification Morphometrics Behaviour Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Ice Type Thickness Water Column Depth Temperature	Fur and Mineral Exploration

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
12-0002 (cont'd)						Movements Behaviour Terrestrial Mammals Number Identification Food			
21-0001	Fifth Thule Expedition	Apr. 13 - May 06 (?), 1922; Mar. 28, 1923 - Feb. 16(?), 1924; Apr. 19(?)-May 29, 1924; Aug. 02(?)-07(?), 1924	Adams Sound, Admiralty Inlet, Agu Bay, Bathurst Inlet, Chantrey Inlet, Committee Bay, Coronation Gulf, Dolphin & Union Strait, Easter Sound, Elwin Bay, Fury & Hecla Strait, James Ross Strait, Lancaster Sound, Melville Sound, Moffet Inlet, Pelly Bay, Prince Regent Inlet, Queen Maud Gulf, Rae Strait, Rasmussen Basin, Shepherd Bay, Simpson Strait, St. Roch Basin	RS WA HA HD	Number # observed/location # unattended holes/location #/group # dead/location # shot & lost/location # shot & landed/location Identification species Morphometrics coat colour tusk condition body length spleen weight blubber thickness Age age class Reproduction sex breeding odour, p/a pup in lair Food stomach contents, p/a stomach contents, identification Movements heading Behaviour haul-out on ice attending hole dive time diving during approach by person distance between individuals position in water Physiology fat content moulting, p/a sinking when shot Other/Habitat distance of seal/walrus from shore	Fish - Marine Identification Morphometrics Fish - Anadromous Identification Morphometrics Cetaceans Number Identification Morphometrics Age Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Movements		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	
23-0003	Canada, Dept. of Mines, and National Museum of Canada (C.G.S. Arctic)	Aug. 18(?)-20(?)	Admiralty Inlet, Lancaster Sound, Strathcona Sound	WA	Number # observed/location Identification species	Birds Number Identification Age Behaviour Ice-associated Mammals Number Identification Movements Terrestrial Mammals Number Identification Morphometrics Age			

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
23-0003 (cont'd)						Reproduction Food Movements			
40-0010	Royal Canadian Mounted Police (RCMP) (St. Roch)	Aug. 29 - Sep. 19, 1940; Aug. 12, 1941 - Sep. 02, 1942	Bellot Strait, Coronation Gulf, Dease Strait, Dolphin & Union Strait, Franklin Strait, Gulf of Boothia, James Ross Strait, Lancaster Sound, Larsen Sound, Lord Mayor Bay, Pasley Bay, Prince Regent Inlet, Queen Maud Gulf, Rae Strait, Rasmussen Basin, Simpson Strait St. Roch Basin	RS UP	Number # observed/location # shot & landed/location Identification species	Fish - Marine Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Current Speed Depth	RCMP cruise
40-0012	Hudson's Bay Company	1940 - 1984	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP	Number # shot & traded/community Identification species				Company records
40-0013	Canadian Wildlife Service, Dept. of Environment	NS	Bathurst Inlet	WA	Number # shot & landed/location Identification species				
44-0002	Royal Canadian Mounted Police (RCMP) (St. Roch)	Aug. 18-20, 22-24, 26 - Sep. 03	Barrow Strait, Dundas Harbour, Lancaster Sound, M'Clure Strait, Prince of Wales Strait, Richard Collinson Inlet, Stratton Inlet, Viscount Melville Sound, Winter Harbour	RS UP	Number # observed/location # shot & landed/location Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification Reproduction		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Temperature Current Speed Current Direction Depth Wave Climate	RCMP cruise
46-0003	U.S. National Museum & U.S. Patuxent Wildlife Research Refuge	July 22-31(?); Aug. 06-Sep. 08(?)	Admiralty Inlet, Barrow Strait, Dundas Harbour, Garnier Bay, Lancaster Sound, M'Clure Strait, Prince Regent Inlet, Viscount Melville Sound, Winter Harbour	RS BS WA HA	Number # observed/location #/group # dead/location # shot & landed/location Identification species Morphometrics body length standard length, pelt	Phytoplankton Number Identification Birds Number Identification Cetaceans Number Identification Morphometrics Age		Ice Coverage Type	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
46-0003 (cont'd)					Reproduction sex Food stomach contents, p/a Behaviour haul-out on ice distance between surfacings diving during fly-by diving during approach by vessel position in water Physiology breathing, p/a	Food Movements Behaviour Ice-associated Mammals Number Identification Food Movements Behaviour Terrestrial Mammals Number Identification Age Food Movements Behaviour			
47-0005	U.S. National Museum & U.S. Patuxent Wildlife Research Refuge	July NS - Aug. NS; Aug. NS - Sep. NS	Allen Bay, Barrow Strait, Croker Bay, Lancaster Sound, Prince Regent Inlet, Resolute Bay, Viscount Melville Sound	RS BS WA	Number # observed/location #/group Identification species Morphometrics pelt colour Age age class Behaviour haul-out on ice surface time dive time diving during fly-by position in water Physiology breathing, p/a	Cetaceans Number Identification Age Food Movements Behaviour Ice-associated Mammals Number Identification Age Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Food Movements Behaviour		Ice Coverage Type	
49-0013	United States (U.S.S. Edisto)	Aug. 06, 14-31	Barrow Strait, Gascoyne Inlet, Lancaster Sound, M'Clure Strait, Radstock Bay, Resolute Bay, Viscount Melville Sound	RS BS UP WA	Number # observed/location #/group Identification species Morphometrics body length Reproduction sex rookery stain, p/a rookery depression, p/a Parasites/Predators pursuit by bear, p/a Movements heading Behaviour haul-out on ice assoc. with whales	Zooplankton Number Identification Morphometrics Zoobenthos Number Identification Fish - Marine Number Identification Birds Number Identification Age Reproduction Behaviour Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification		Atmosphere Wind Speed Wind Direction Atm. Conditions Ice Coverage Type Thickness Substrate Particle Size	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
49-0013 (cont'd)						Morphometrics Movements Behaviour Terrestrial Mammals Number Identification			
49-0014	Canadian Wildlife Service, Dept. of Environment	NS	Pelly Bay	WA	Number # shot & landed/location Identification species				
50-0002	United States Navy and Coast Guard (U.S.S. Edisto & U.S.C.G.C. Eastwind)	Aug. 16-22(?)	Barrow Strait, Dundas Harbour, Gascoyne Inlet, Lancaster Sound, Radstock Bay, Resolute Bay	RS WA HA	Number # observed/location #/group # shot & lost/location # shot & landed/location Identification species Morphometrics markings, p/s Age age class Movements heading Behaviour haul-out on ice	Phytoplankton Number Identification Zooplankton Number Identification Fish - Anadromous Number Identification Fish - Marine Number Identification Birds Number Identification Age Behaviour Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Movements Terrestrial Mammals Number Identification Reproduction		Atmosphere Atm. Conditions Ice Coverage Water Column Depth	
51-0028	Canadian Wildlife Service, Dept. of Environment	NS	Ross Peninsula	WA	Number # shot & landed/location Identification species				
52-0008	National Museum of Canada (for Defense Research Board, Dept. of Northern Affairs & National Resources*, & Arctic Institute of North America)	Aug. 12 - Sep. 02	M'Clure Strait	RS BS	Number # observed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Behaviour Other Terrestrial Mammals Number Identification Morphometrics Age Reproduction Movements		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Ice Coverage Type Thickness Water Column Depth Water Level Wave Climate	Biological/Geological survey

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
52-0008 (cont'd)						Behaviour Other			
52-0031	Canadian Wildlife Service, Dept. of Environment	NS	Bathurst Inlet	WA	Number # observed/location Identification species				
53-0014	National Museum of Canada (for Defense Research Board, Dept. of Northern Affairs & National Resources*, & Arctic Institute of North America)	July 15 - Aug. 22	M'Clure Strait	RS	Number # observed/location # killed/location Identification species Age age class Behaviour haul-out on ice	Fish - Anadromous Number Identification Morphometrics Reproduction Birds Number Identification Morphometrics Age Behaviour Other Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Behaviour Other Terrestrial Mammals Number Identification Morphometrics Age Reproduction Movements Behaviour Other		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	Biological/Geological survey (same as 53-0028 in Vol. 8)
53-0032	Canadian Wildlife Service, Dep. of Environment	NS	Lord Mayor Bay, Thom Bay	WA	Number # observed/location Identification species				
54-0001	Canada (H.M.C.S. Labrador)	Aug. 02-04, 16-18, 24 - Sep. 05	Baring Channel, Barrow Strait, Lancaster Sound, Prince of Wales Strait, Viscount Melville Sound	UP WA	Number # observed/location Identification species Morphometrics body length	Plankton Number Identification	Water Column Dissolved Oxygen Phosphates	Ice Coverage Type Water Column Temperature Salinity Current Speed	Oceanographic cruise
54-0003	United States Coast Guard, and Pacific Biological Station (Canada) for Canada Dept. of National Defense (Northwind)	Aug. 26 - Sep. NS	M'Clure Strait, Prince of Wales Strait, Richard Collinson Inlet, Viscount Melville Sound	RS BS	Number # observed/location Identification species	Phytoplankton Number Identification Zooplankton Number Identification Zoobenthos Number Identification Phytobenthos Number Identification	Water Column Nutrients	Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Ice Coverage Thickness Water Column Temperature Salinity	Oceanographic cruise

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
54-0003 (cont'd)						Fish - Anadromous Number Identification Fish - Marine Number Identification Cetaceans Number Identification		Depth Sound Velocity	
54-0033	McGill University (for Banting Fund, Arctic Institute of North America, & National Research Council of Canada)	May NS, 1954 - Apr. 11(?), 1955	Adams Sound, Admiralty Inlet, Bathurst Inlet, Cambridge Bay, Coronation Gulf, Moffet Inlet, Queen Maud Gulf, Spence Bay	RS BS WA HA	Number # observed/location # unattended holes/location #/group # shot & lost/location # shot & landed/location Identification species Morphometrics coat colour standard length Age age class Reproduction foetus, p/a Food stomach contents, p/a stomach contents, indentification Behaviour haul-out on ice haul-out on land assoc. with birds Physiology moulting, p/a Other/Habitat breathing hole diameter	Phytobenthos Number Identification Zoobenthos Number Identification Fish - Marine Number Identification Morphometrics Reproduction Food Birds Number Identification Ice-associated Mammals Number Identification Age Behaviour Terrestrial Mammals Number Identification		Atmosphere Atm. Conditions Ice Coverage Type Thickness Water Column Temperature Salinity Depth Substrate Particle Size Slope	
54-0034	Arctic Institute of North America & New York Zoological Society	NS	Lancaster Sound	WA	Number # observed/location Identification species	Cetaceans Number Identification Ice-associated Mammals Number Identification			
54-0035	Canadian Wildlife Service, Dept. of Environment	July 15-31	Barrow Strait, Hadley Bay, Lancaster Sound, M'Clure Strait, Resolute Bay, Richard Collinson Inlet, Viscount Melville Sound, Winter Harbour, Wynniatt Bay	UP WA	Number # observed/location # unattended holes/location Identification species Behaviour diving during fly-by	Fish - Anadromous Number Identification Birds Number Identification Reproduction Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Atmosphere Wind Speed Atm. Conditions Ice Coverage	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
54-0036	Canadian Wildlife Service, Dept. of Environment	Apr. 03-22	NS	NS	NS				Ice reconnaissance
54-0039	Geological Survey of Canada, Dept. of Mines & Technical Surveys*	Aug. 05-21	Bering Channel, Birthday Bay	BS UP WA	Number # observed/location #/group Identification species Age age class				Geological survey
55-0039	Canadian Wildlife Service, Dept. of Environment	July 28 - Aug. 11	Barrow Strait, Cambridge Bay, Creswell Bay, Garnier Bay, Lancaster Sound, Resolute Bay	RS BS WA	Number # observed/location # shot & landed/location Identification species	Birds Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Ice Coverage	Ice study
56-0035	Royal Canadian Mounted Police (RCMP)	1962 - 1972	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Creswell Bay, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS BS WA HB HA	Number # shot & landed/location Identification species				Game reports
57-0020	Canadian Wildlife Service, Dept. of Environment	June 11 - Aug. 20	Lancaster Sound	RS BS WA HB HA HD	Number # observed/location # observed/time #/group # shot & landed/location # shot & traded/community # shot & not traded/community Identification species Morphometrics body length Reproduction sex Parasites/Predators internal parasites, p/a identification of parasites Movements heading Behaviour haul-out on ice attending crack attending lead assoc. with whales surface time synchronous diving, p/a position in water frozen out, p/a	Zooplankton Number Identification Fish - Marine Number Identification Birds Number Identification Morphometrics Age Reproduction Food Movements Behaviour Cetaceans Number Identification Reproduction Movements Ice-associated Mammals Number Identification Food Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind Direction Atm. Conditions Ice Coverage Type	Bird study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
57-0045	National Museum of Canada	May 15 - Sep. 25	Adelaide Peninsula, Chantrey Inlet, Montreal Island, Queen Maud Gulf, Rasmussen Basin, Simpson Strait	RS BS UP	Number # observed/location #/group Identification species Morphometrics standard length hindflipper length tail length maximum girth blubber thickness Reproduction sex Parasites/Predators molestation by swan, p/a Behaviour haul-out on ice	Birds Number Identification Morphometrics Age Reproduction Movements Behaviour Physiology Other Ice-associated Mammals Number Identification Morphometrics Age Reproduction Behaviour Physiology Terrestrial Mammals Number Identification Morphometrics Age Reproduction Behaviour Physiology		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate	
58-0044	National Museum of Canada, Canadian Wildlife Service, Dept. of Environment & Arctic Institute of North America	May 22 - Sep. 11	Barrow Strait, Browne Bay, Cambridge Bay, Guillemard Bay, Le Feuvre Inlet, Peel Sound, Scott Bay, Smith Bay, Young Bay	RS BS	Number # observed/location #/group # shot & landed/location Identification species Reproduction sex Behaviour haul-out on ice	Fish - Anadromous Number Identification Morphometrics Age Birds Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Cetaceans Number Identification Food Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour Terrestrial Mammals Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	Natural history expedition

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
58-0045	Canadian Wildlife Service, Dept. of Environment	July 28(?)-Aug. 13	Admiralty Inlet, Arabella Bay, Barrow Strait, Browne Bay, Drake Bay, Emily Bay, Franklin Strait, Guillemard Bay, Lancaster Sound, Le Feuvre Inlet, M'Clintock Channel, Ommanney Bay, Peel Sound, Reliance Bay, Smith Bay, Transition Bay, Willis Bay, Young Bay	RS BS	Number # observed/location Identification species Behaviour haul-out on ice	Fish - Anadromous Number Identification Birds Number Identification Age Food Movements Behaviour Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Ice Coverage	Bird study
60-0069	Canadian Wildlife Service, Dept. of Environment	July 06, 20	Coppermine	WA	Number # observed/location # shot & landed/location Identification species Age age class				
61-0082	Geography Branch, Government of North-west Territories	NS	Arctic Sound	WA	Number # shot & landed/location Identification species				
62-0007	Canadian Coast Guard (C.G.S. Labrador)	Oct. 02-04(?)	Lancaster Sound	HA	Number # observed/location #/group Identification species			Water Column Temperature Salinity Depth	Oceanographic cruise
62-0065	Canadian Wildlife Service, Dept. of Environment	Mar. NS - May NS	Barrow Strait, Lancaster Sound, Peel Sound	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour		Ice Coverage Type	Polar bear study
65-0059	Dept. of Indian Affairs & Northern Development*	NS	Fury & Hecla Strait, Gulf of Boothia	RS BS WA	Number # observed/location Identification species	Fish - Anadromous Number Identification Birds Number Identification Cetaceans Number Identification Movements Ice-associated Mammals Number Identification		Ice Coverage Type	Economic survey; one trip to study area was made between May 24 and Aug. 18

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
65-0059 (cont'd)						Terrestrial Mammals Number Identification Food			
66-0059	Dept. of Indian Affairs & Northern Development*	NS	Arctic Bay	RS BS WA	Number # shot & landed/location Identification species	Cetaceans Number Identification Terrestrial Mammals Number Identification			Economic survey
67-0045	Dept. of Indian Affairs & Northern Development*	July NS, 1966 - June NS, 1967	Resolute Bay	RS BS WA HA	Number # shot & landed/location Identification species	Fish - Anadromous Number Identification Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Economic survey
68-0066	Dept. of Indian Affairs & Northern Development*	May NS - Sep. NS	Gjoa Haven, Pelly Bay, Spence Bay	BS UP	Number # shot & landed/location Identification species	Fish - Anadromous Number Identification Fish - Marine Number Identification Cetaceans Number Identification Behaviour Ice-associated Mammals Number Identification Age Terrestrial Mammals Number Identification Food		Ice Coverage	Economic survey
70-0074	Canadian Wildlife Service, Dept. of Environment	Mar. NS - May NS	Admiralty Inlet, Barrow Strait, Lancaster Sound, Peel Sound, Prince Regent Inlet	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study
71-0100	Government of Northwest Territories	July 01, 1971 - June 30, 1972	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
71-0103	Fisheries Management Division, Dept. of Environment	NS	Admiralty Inlet, Barrow Strait, Bellot Strait, Brentford Bay, Browne Bay, Franklin Strait, Gulf of Boothia, Lancaster Sound, Lord Mayor Bay, M'Clintock Channel, Ommanney Bay, Pasley Bay, Peel Sound, Prince Regent Inlet, Rasmussen Basin	RS BS WA	Number # observed/location # shot & lost/location # shot & landed/location Identification species Movements heading	Cetaceans Number Identification Movements Ice-associated Mammals Number Identification		Ice Coverage Type	
71-0112	Canadian Wildlife Service, Dept. of Environment	Mar. NS - May NS	Admiralty Inlet, Barrow Strait, Lancaster Sound, Peel Sound, Prince Regent Inlet	RS WA	Number # observed/location # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 70-0074
72-0099	Government of Northwest Territories	July 01, 1972 - June 30, 1973	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
72-0105	Game Management Service*, Government of Northwest Territories	Mar. NS - June NS	Gulf of Boothia, Larsen Sound, M'Clintock Channel, Victoria Strait	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Food Reproduction Movements Behaviour			Polar bear study
72-0120	Canadian Wildlife Service, Dept. of Environment	Mar. NS - May NS	Admiralty Inlet, Barrow Strait, Lancaster Sound, Peel Sound, Prince Regent Inlet	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 70-0074
73-0116	Government of Northwest Territories	July 01, 1973 - June 30, 1974	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
73-0120	Game Management Service*, Government of Northwest Territories	Mar. NS - June NS	Hedley Bay, Larsen Sound, M'Clintock Channel, Victoria Strait	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
73-0123	Canadian Wildlife Service, Dept. of Environment	July 25 - Aug. 07	Radstock Bay	RS BS	Number # observed/location #/group # killed/location Identification species Parasites/Predators pursuit by bear, p/a Behaviour haul-out on ice attending hole head raising rubbing scratching	Ice-associated Mammals Number Identification Morphometrics Reproduction Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Ice Coverage Type	Polar bear study
73-0131	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	NS	Coppermine	BS	Identification species Morphometrics standard length maximum girth blubber thickness Age # claw annuli Reproduction sex baculum length corpus leuteum corpus albicans follicular activity corpus leuteum diameter (max.) corpus albicans diameter (max.) Food relative stomach fullness stomach contents, weight stomach contents, volume stomach contents, identification				Harvested specimens
73-0132	Marine Sciences Directorate, & Canadian Armed Forces	(mid) Apr. NS	Lancaster Sound	RS	Number # observed/location #/group Identification species Movements ascent angle descent angle Behaviour dive depth scooping air with flippers proximity to divers Physiology inhalation, p/a exhalation, p/a			Ice Coverage Type Thickness Contours Water Column Depth	Ice study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	

73-0133	Canadian Wildlife Service, Dept. of Environment	Mar. NS - May NS	Admiralty Inlet,
			Barrow Strait,
			Lancaster Sound,
			Peel Sound,
			Prince Regent Inlet
				RS	Number
					  # killed/location
					Identification
					  species
						Ice-associated Mammals
						  Number
						  Identification
						  Morphometrics
						  Age
						  Reproduction
						  Food
						  Movements
						  Behaviour
								Ice
								  Coverage
								  Type
									Polar bear study, see 70-0074

74-0054	Fisheries & Marine Service*, Dept. of Environment (for Dept. of Environment, Dept. of Indian Affairs & Northern Development*, & Mineral Resources International)	Aug. NS - Sep. NS	Admiralty Inlet,
			Strathcona Sound
				RS
				HA
					Number
					  # observed/location
					  #/group
					Identification
					  species
						Birds
						  Number
						  Identification
						Cetaceans
						  Number
						  Identification
								Ice
								  Coverage
									Whale study, see 74-0026 in volume 17

74-0108	Government of Northwest Territories	July 01, 1974 - June 30, 1975	Arctic Bay,
			Bathurst Inlet,
			Cambridge Bay,
			Coppermine,
			Gjoa Haven,
			Pelly Bay,
			Resolute Bay,
			Spence Bay
				RS
				UP
				HA
					Number
					  # shot & traded/community
					Identification
					  species
						Ice-associated Mammals
						  Number
						  Identification
						Terrestrial Mammals
						  Number
						  Identification
									Fur export tax returns, see 71-0100

74-0111	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	July 04 - Aug. 12	Admiralty Inlet,
			Aston Bay,
			Barrow Strait,
			Bellot Strait,
			Creswell Bay,
			Cunningham Inlet,
			Garnier Bay,
			Lancaster Sound,
			Maxwell Bay,
			Peel Sound,
			Prince Regent Inlet,
			Radstock Bay,
			Resolute Bay
				RS
				UP
				WA
					Number
					  # observed/location
					  # observed/aerial transect line
					  #/group
					Identification
					  species
					Age
					  age class
					Behaviour
					  haul-out on ice
						Phytoplankton
						  Number
						  Identification
						Zoobenthos
						  Number
						  Identification
						Fish - Marine
						  Number
						  Identification
						Cetaceans
						  Number
						  Identification
						  Morphometrics
						  Age
						  Reproduction
						  Food
						  Movements
						  Behaviour
						Ice-associated Mammals
						  Number
						  Identification
								Atmosphere
								  Wind Speed
								  Wind Direction
								  Precipitation
								  Atm. Conditions
								Ice
								  Coverage
								  Type
								  Thickness
								Water Column
								  Temperature
								  Current Speed
								  Water Level
								  Wave Climate
									Whale study

74-0113	Canadian Wildlife Service, Dept. of Environment	May NS - Aug. NS	Admiralty Inlet,
			Barrow Strait,
			Lancaster Sound,
			Peel Sound,
			Prince Regent Inlet
				RS
				BS
				WA
				HA
					Number
					  # observed/location
					  #/group
					  # killed/location
					Identification
					  species
					Behaviour
					  haul-out on ice
						Birds
						  Number
						  Identification
						Cetaceans
						  Number
						  Identification
						Ice-associated Mammals
						  Number
						  Identification
						  Reproduction
						  Movements
						  Behaviour
								Ice
								  Coverage
								  Type
									Polar bear study, see 70-0074

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
74-0114	Game Management Service*, Government of Northwest Territories	Mar. 20 - May 01	Franklin Strait, Hadley Bay, Larsen Sound, Markham Strait, M'Clintock Channel, Victoria Strait, Viscount Melville Sound, Wynniatt Bay	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour			Polar bear study, see 72-0105
74-0116	LGL Ltd. (for Polar Gas Project)	June 03 - Sep. 04	Aston Bay, Baring Channel, Barrow Strait, Bellot Strait, Browne Bay, Creswell Bay, Franklin Strait, Guillemard Bay, Gulf of Boothia, James Ross Strait, M'Clintock Channel, Ommanney Bay, Peel Sound, Prince Regent Inlet, Viscount Melville Sound	RS BS UP WA HA	Number # observed/location #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole diving during fly-by distance between individuals	Birds Number Identification Cetaceans Number Identification Reproduction Movements Behaviour Ice-associated Mammals Number Identification Reproduction		Atmosphere Atm. Conditions Ice Coverage Type	Bird study
74-0125	Canadian Wildlife Service, T.H. Manning	NS	Barrow Strait, Lancaster Sound	BS	Identification species Morphometrics condylobasal length zygomatic breadth mastoid breadth braincase breadth least interorbital breadth nasal length nasal breadth condyle breadth palatal breadth rostral breadth maxillary toothrow length braincase height pre-maxilla length palatal length condylopatal length				
74-0128	Canadian Wildlife Service, Dept. of Environment	July 10 - Aug. 10	Radstock Bay	RS	Number # observed/location #/group # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Ice Coverage Type	Polar bear study, see 73-0123
74-0129	McGill University (for Polar Gas Project)	May NS; Aug. 14 - Sep. 01	Cunningham Inlet	UP	Number # observed/location Food polychaete in mouth, p/a	Phytoplankton Number Identification Zooplankton Number Identification Age	Ice Nutrients Chlorophyll Water Column Nutrients Chlorophyll	Water Column Temperature Salinity Depth	Marine ecology study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
74-0129 (cont'd)						Zoobenthos Number Identification Phytobenthos Number Identification Epontice Number Identification Fish - Marine Number Identification Food Ice-associated Mammals Number Identification Food			
75-0075	LGL Ltd. (for Polar Gas Project)	June 01 - Aug. 27	Allen Bay, Aston Bay, Baring Channel, Barrow Strait, Batty Bay, Bellot Strait, Brentford Bay, Browne Bay, Creswell Bay, Cunningham Inlet, Elwin Bay, Franklin Strait, Garnier Bay, James Ross Strait, Larsen Sound Lord Mayor Bay, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Spence Bay, Thom Bay, Viscount Melville Sound, Wrottesley Inlet	RS BS WA HA	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft #/photograph Identification species Age age class Food stomach contents, p/a stomach contents, identification Behaviour haul-out on ice haul-out on land attending hole attending crack diving during fly-by	Fish - Marine Number Identification Morphometrics Birds Number Identification Cetaceans Number Identification Morphometrics Age Reproduction Food Movements Behaviour Ice-associated Mammals Number Identification Reproduction Food		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Temperature Current Direction Depth Wave Climate	Includes but not restricted to data from bird surveys; related study 75-0013 in Volume 17 (NWP Fish)
75-0076	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	June 03-06; July 23 - Aug. 28	Adams Sound, Admiralty Inlet, Barrow Strait, Lancaster Sound, Prince Regent Inlet	RS BS WA HA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Ice-associated Mammals Number Identification		Ice Coverage Type	Whale study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0077	Fisheries & Marine Service*, Dept. of Environment (for Dept. of Environment, Dept. of Indian Affairs & Northern Development*, & Mineral Resources International)	July 23 - Aug. 23	Adams Sound, Admiralty Inlet, Lancaster Sound, Moffet Inlet, Strathcona Sound	RS BS HA	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice	Birds Number Identification Food Movements Behaviour Cetaceans Number Identification Reproduction Food Movements Behaviour Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Behavior		Ice Coverage Type	Whale study, see 74-0054 this volume; see 75-0030 in Volume 17
75-0124	Government of Northwest Territories	July 01, 1975 - June 30, 1976	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
75-0127	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment (for Arctic Islands Pipeline Project)	May 08 - July 06	Aston Bay, Back Bay, Baring Channel, Barrow Strait, Browne Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Viscount Melville Sound	RS BS WA	Number # observed/location # observed/aerial transect line # unattended holes/location # unattended holes/aerial transect line #/group #/distance from aircraft # dead/location # lairs/time Identification species Morphometrics standard length maximum girth blubber thickness Age age class # cementum annuli, canines # claw annuli degree of body scarring Reproduction sex corpus leuteum corpus albicans Food stomach contents, p/a stomach contents, volume stomach contents, identification	Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Thickness Snow Depth	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0127 (cont'd)					Parasites/Predators blood on lair floor, p/a bear digs, p/a fox digs, p/a Behaviour haul-out on ice attending hole attending crack diving during fly-by Physiology moulting, p/a Other/Habitat distance to nearest lair lair height lair dimensions				
75-0129	Fish & Wildlife Service, Government of Northwest Territories	Mar. NS - May NS; July 23 - Aug. 23	Adams Sound, Admiralty Inlet, Baillarge Bay, Berlinguet Inlet, Franklin Strait, Gulf of Boothia, Hadley Bay, Jungerson Bay, Lancaster Sound, Larsen Sound, Markham Strait, M'Clintock Channel, Strathcona Sound, Victoria Strait, Viscount Melville Sound, Wynniatt Bay	RS	Number # killed/location Identification species	Birds Number Identification Food Movements Behaviour Cetaceans Number Identification Behaviour Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
75-0130	Canadian Wildlife Service, Dept. of Environment	Mar. 13 - May 03; July 11-12	Admiralty Inlet, Barrow Strait, Franklin Strait, Peel Sound, Prince Regent Inlet, Resolute Bay	RS WA	Number # observed/location # observed/aerial transect line # killed/location Identification species Morphometrics tusk, p/a body length Age # cementum annuli, canines Parasites/Predators bear digs, p/a Behaviour haul-out on ice	Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 70-0074
75-0131	Renewable Resources Consulting Services Ltd. (for Norlands Petroleums Ltd.)	Oct. 01-05, 26-27	Admiralty Inlet, Baillarge Bay, Blanley Bay, Burnett Inlet, Croker Bay, Cuming Inlet, Dundas Harbour, Elwin Inlet, Lancaster Sound, Maxwell Bay, Powell Inlet,	RS BS UP WA HA	Number # observed/aerial transect line # unattended holes/aerial transect line #/distance from aircraft Identification species	Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Reproduction Movements		Ice Coverage Type	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
75-0131 (cont'd)			Prince Regent Inlet, Stratton Inlet						
75-0144	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	NS	Barrow Strait	BS	Identification species Morphometrics standard length maximum girth blubber thickness Age # claw annuli Reproduction sex baculum length corpus leuteum corpus albicans follicular activity corpus leuteum diameter (max.) corpus albicans diameter (max.) Food relative stomach fullness stomach contents, weight stomach contents, volume stomach contents, identification				Harvested specimens
75-0147	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	NS	Aston Bay	RS	Identification species Age # cementum annuli, canines				Note 6
75-0148	Canadian Wildlife Service, Dept. of Environment	May 12 - June 07; July 03-29	Radstock Bay	RS	Number # observed/location #/group # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Ice Coverage Type	Polar bear study, see 73-0123
76-0064	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	June 02 - July 31	Admiralty Inlet, Lancaster Sound	RS BS WA HA HD	Number # observed/location #/group Identification species Morphometrics markings, p/a Age age class Movements heading Behaviour haul-out on ice surface time dive time position in water	Cetaceans Number Identification Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification Reproduction Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type	
76-0065	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	Aug. 12 - Sep. 13	Admiralty Inlet	UP	Number # observed/location Identification species			Ice Coverage	Whale study, see 75-0076, Note 9

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
76-0066	Fisheries & Marine Service*, Dept. of Fisheries & Environment* (for Dept. of Fisheries & Environment* & Dept. of Indian Affairs & Northern Development)	Aug. 08-15	Adams Sound, Admiralty Inlet, Brentford Bay, Franklin Strait, Lancaster Sound, Larsen Sound, Lord Mayor Bay, Moffet Inlet, Strathcona Sound, Victoria Strait	RS BS HA	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice	Cetaceans Number Identification Reproduction Behaviour Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements		Ice Coverage Type	Whale study, see 74-0054; see 76-0012 in Volume 17
76-0104	Government of Northwest Territories	July 01, 1976 - June 30, 1977	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
76-0107	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment (for Arctic Islands Pipeline Project)	Apr. 17 - May 28	Aston Bay, Barrow Strait, M'Clintock Channel, Peel Sound, Viscount Melville Sound	RS	Number # lairs/time Identification species Parasites/Predators blood on lair floor, p/a bear digs, p/a fox digs, p/a Other/Habitat distance to nearest lair lair height lair dimensions	Birds Number Identification Ice-associated Mammals Number Identification Movements Behaviour Terrestrial Mammals Number Identification		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Thickness Snow Depth	
76-0111	LGL Ltd. (for Norlands Petroleums Ltd.)	May 02 - Sep. 28	Admiralty Inlet, Croker Bay, Lancaster Sound	RS BS WA HA HD	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft Identification species Age age class Movements heading Behaviour haul-out on ice haul-out on land attending hole diving during fly-by	Birds Number Identification Age Reproduction Movements Behaviour Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Reproduction		Atmosphere Wind Speed Wind Direction Ice Coverage Type Water Column Wave Climate	Bird study; see also 76-0008 in Volume 17
76-0112	Renewable Resources Consulting Services Ltd. (for Norlands Petroleums Ltd.)	Feb. 18 - Sep. 23	Admiralty Inlet, Croker Bay, Dundas Harbour, Lancaster Sound	RS BS UP WA HA	Number # observed/location # observed/aerial transect line # unattended holes/location #/group #/distance from aircraft Identification species Age age class	Cetaceans Number Identification Movements Behaviour Ice-associated Mammals Number Identification Movements		Ice Coverage Type Water Column Wave Climate	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
76-0112 (cont'd)					Behaviour haul-out on ice haul-out on land attending hole				
76-0113	LGL Ltd. (for Polar Gas Project)	June 08-29; Aug. 11, 28 - Sep. 30	Aston Bay, Back Bay, Barrow Strait, Betty Bay, Bellot Strait, Brentford Bay, Creswell Bay, Cunningham Inlet, Elwin Bay, Franklin Strait, Garnier Bay, Guillemard Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Transition Bay	RS BS WA HA	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft Identification species Movement heading Behaviour haul-out on ice distance between individuals	Epontics Number Identification Fish - Marine Number Identification Birds Number Identification Age Reproduction Food Movements Behaviour Cetaceans Number Identification Age Reproduction Food Movements Behaviour Ice-associated Mammals Number Identification Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Current Speed Current Direction Wave Climate	See also 76-0010 in Volume 17
76-0124	Arctic Biological Station, Fisheries & Marine Service*, Dept. of Environment	NS	Arctic Bay, Barrow Strait	RS BS	Identification species Age # cementum annuli, canines # claw annuli				Note 6
76-0125	Government of Northwest Territories	Mar. NS - May NS; July NS - Aug. NS	Bellot Strait, Brentford Bay, Franklin Strait, Gulf of Boothia, Larsen Sound, Lord Mayor Bay, Victoria Strait	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
76-0126	Canadian Wildlife Service, Dept. of Fisheries & Environment*	Apr. 16 - May 27	Radstock Bay	RS	Number # observed/location #/group # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Atmosphere Wind Speed Wind Direction Ice Coverage Type	Polar bear study, see 73-0123

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
76-0127	Canadian Wildlife Service, Dept. of Fisheries & Environment*	Mar. NS - May NS	Admiralty Inlet, Barrow Strait, Lancaster Sound, Peel Sound, Prince Regent Inlet	RS WA	Number # observed/location # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Movements Food Behaviour		Ice Coverage Type	Polar bear study, see 70-0074
77-0015	LGL Ltd. (for Polar Gas Project)	May 19-29; Aug. 24 - Sep. 04	Aston Bay, Brentford Bay	RS BS UP HA	Number # observed/location # observed/vessel transect line #/group Identification species Behaviour haul-out on ice	Phytoplankton Number Identification Zooplankton Number Identification Morphometrics Movements Phytobenthos Number Identification Zoobenthos Number Identification Morphometrics Reproduction Behaviour Epontice Number Identification Morphometrics Reproduction Behaviour Fish - Marine Number Identification Morphometrics Reproduction Behaviour Birds Number Identification Age Reproduction Food Movements Behaviour Cetaceans Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification	Water Column Nutrients Chlorophyll	Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Thickness Other Water Column Temperature Salinity Depth Substrate Particle Size	
77-0016	LGL Ltd. (for Petro-Canada Explorations Inc.)	June 04-15; July 01-15, 31 - Aug. 31	Bridport Inlet, Skene Bay, Viscount Melville Sound, Winter Harbour	RS BS UP	Number # observed/location #/group #/distance from aircraft Identification species	Phytoplankton Number Identification Zooplankton Number Identification	Water Column Nutrients Chlorophyll Dissolved Oxygen	Atmosphere Precipitation Atm. Conditions Ice Coverage Type	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
77-0016 (cont'd)					Age age class Behaviour haul-out on ice	Morphometrics Age Reproduction Food Parasites Movements Behaviour Phytobenthos Number Identification Zoobenthos Number Identification Morphometrics Age Reproduction Food Movements Behaviour Epontics Number Identification Morphometrics Age Reproduction Food Movements Behaviour Fish - Marine Number Identification Morphometrics Age Reproduction Behaviour Birds Number Identification Ice-associated Mammals Number Identification Reproduction Movements		Thickness Water Column Temperature Salinity Current Speed Current Direction Depth Sediment Particle Size	
77-0108	Government of Northwest Territories	July 01, 1977 - June 30, 1978	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
77-0113	Arctic Biological Station, Dept. of Fisheries & Environment*	July 18 - Aug. 10	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group #/photograph Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Atm. Conditions Ice Coverage Type	Whale study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
77-0116	Wildlife Service, Government of Northwest Territories	Mar. NS - May NS	Brentford Bay, Franklin Strait, Gulf of Boothia, Larsen Sound, Lord Mayor Bay, Victoria Strait	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
77-0122	LGL Ltd. (for Polar Gas Project)	Apr. 19 - Sep. 07	Barrow Strait, Kearney Cove, Lancaster Sound, Maxwell Bay, Radstock Bay, Union Bay	BS WA	Number # observed/location #/group #/photograph Identification species Behaviour haul-out on land haul-out on ice	Birds Number Identification Cetaceans Number Identification Movements Ice-associated Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate Substrate Particle Size Particle Type	
77-0124	Canadian Wildlife Service, Dept. of Fisheries & Environment*	Mar. NS - May NS	Admiralty Inlet, Barrow Strait, Lancaster Sound, Peel Sound, Prince Regent Inlet	RS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 70-0074
77-0125	LGL Ltd. (for Polar Gas Project)	June 01-30	Aston Bay	RS BS	Number # observed/location # killed/location #/photograph # holes/photograph Identification species Age age class Behaviour haul-out on ice attending hole diving during fly-by diving during approach by person orientation relative to sun duration of haul-out bout Other/Habitat distance of hole from shore distance between holes	Birds Number Identification Ice-associated Mammals Number Identification Age Reproduction Food Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Solar Radiation Ice Coverage Type Snow Depth	Note 8
78-0102	Government of Northwest Territories	July 01, 1978 - June 30, 1979	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
78-0106	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	Mar. 15-16; Apr. 18-20	Lancaster Sound	WA	Number # observed/location #/group Identification species	Birds Number Identification Cetaceans Number Identification		Ice Coverage Type	
78-0107	Wildlife Service, Government of Northwest Territories	Mar. NS - May NS	Admiralty Inlet, Gulf of Boothia, Lancaster Sound, Lord Mayor Bay, Pelly Bay, Thom Bay	RS BS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
78-0108	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	May 04 - Oct. 10	Adams Sound, Admiralty Inlet, Blanley Bay, Burnett Inlet, Croker Bay, Cuming Inlet, Dundas Harbour, Gascoyne Inlet, Graham Harbour, Hobhouse Inlet, Lancaster Sound, Maxwell Bay, Powell Inlet, Radstock Bay, Rigby Bay, Strathcona Sound, Stratton Inlet	RS BS WA HA HD	Number # observed/location # observed/aerial transect line #/group #/distance from aircraft Identification species Movements heading Behaviour haul-out on ice diving during fly-by	Birds Number Identification Movements Cetaceans Number Identification Reproduction Food Movements		Atmosphere Wind Speed Atm. Conditions Ice Coverage Type Water Column Wave Climate	See 78-0022 in Volume 13
79-0067	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	May 09 - July 22	Croker Bay, Lancaster Sound	RS BS WA HA HD	Number # observed/location # observed/aerial transect line # unattended holes/aerial transect line #/group Identification species Age age class Reproduction sex Movements heading Behaviour haul-out on ice attending hole	Birds Number Identification Movements Behaviour Cetaceans Number Identification Reproduction Movements Ice-associated Mammals Number Identification Food Movements		Atmosphere Wind Speed Atm. Conditions Ice Coverage Type Water Column Wave Climate	
79-0104	Government of Northwest Territories	July 01, 1979 - June 30, 1980	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
79-0106	MacLaren Marex Inc. (for Dome Petroleum Ltd.)	Sep. 21-26	Barrow Strait, Croker Bay, Lancaster Sound, Prince of Wales Strait, Viscount Melville Sound	RS BS UP HA	Number # observed/location # unattended holes/location # dead/location Identification species	Birds Number Identification Movements Cetaceans Number Identification Ice-associated Mammals Number Identification Movements		Ice Coverage Type Thickness	Icebreaker maiden voyage
79-0109	Arctic Biological Station, Dept. of Fisheries & Environment*	June 23 - Aug. 02	Lancaster Sound	RS BS WA HA	Number # observed/location # observed/time #/group Identification species Morphometrics markings, p/s Age age class Reproduction sex Movements heading Behaviour haul-out on ice	Cetaceans Number Identification Morphometrics Reproduction Movements Behaviour		Atmosphere Precipitation Atm. Conditions Ice Coverage Water Column Wave Climate	
79-0110	LGL Ltd. (for Petro-Canada Explorations Inc., Baffin Bay EAMES program)	Sep. 08 - Oct. 17	Admiralty Inlet, Barrow Strait, Croker Bay, Lancaster Sound	RS BS WA HA HD	Number # observed/location # observed/aerial transect line #/group Identification species Movements heading Behaviour haul-out on ice haul-out on land assoc. with whales	Birds Number Identification Movements Behaviour Cetaceans Number Identification Reproduction Food Movements Behaviour Ice-associated Mammals Number Identification Reproduction Behaviour		Atmosphere Wind Speed Atm. Conditions Ice Coverage Type	
79-0111	LGL Ltd. (for Petro-Canada Explorations Inc., Arctic Biological Station, Dept. of Fisheries & Environment*, & Polar Continental Shelf Project)	Aug. 17 - Sep. 04	Adams Sound, Admiralty Inlet, Autridge Bay, Baillarge Bay, Barrow Strait, Bernier Bay, Creswell Bay, Cunningham Inlet, Fury & Hecla Strait, Gulf of Boothia, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay, Strathcona Sound	BS WA HA	Number # observed/location # observed/aerial transect line #/group Identification species	Birds Number Identification Movements Behaviour Cetaceans Number Identification Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification		Atmosphere Wind Speed Atm. Conditions Ice Coverage Type	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
79-0122	Wildlife Service, Government of Northwest Territories	Apr. NS - May NS	Admiralty Inlet, Lancaster Sound, Maxwell Bay	RS BS	Number # killed/location Identification species	Ice-associated Mammals Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Ice Coverage Type	Polar bear study, see 72-0105
80-0024	Canadian Wildlife Service, Dept. of Environment	June 21 - July 08	Baring Channel, Barrow Strait, Hadley Bay, Liddon Gulf, M'Clintock Channel, M'Clure Strait, Peel Sound, Prince of Wales Strait, Viscount Melville Sound	RS BS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by	Cetaceans Number Identification Movements Ice-associated Mammals Number Identification Reproduction Movements Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	
80-0095	Government of Northwest Territories	July 01, 1980 - June 30, 1981	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
80-0097	LGL Ltd. (for Polar Gas Project)	June 25	Basil Bay, Coronation Gulf, Klengenberg Bay	RS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by			Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Ice Coverage Type Ridging Water Column Turbidity	
80-0103	Arctic Biological Station, Dept. of Fisheries & Oceans	July 30 - Aug. 08	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Ice Coverage Type	Whale study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS BIOLOGICAL	CONCURRENT MEASUREMENTS CHEMICAL	CONCURRENT MEASUREMENTS PHYSICAL	REMARKS
80-0108	Arctic Biological Station, Dept. of Fisheries & Oceans, (for Petro-Canada Inc.)	Mar. 30 - Apr. 12	Bridport Inlet, Viscount Melville Sound	RS	Number # observed/location # unattended holes/location # lairs/time Identification species Reproduction breeding odour, p/a placental remains, p/a Parasites/Predators blood on lair floor, p/a bear digs, p/a fox digs, p/a Behaviour attending hole vocalization frequency vocalization duration	Birds Number Identification Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Snow Depth	
80-0109	Arctic Biological Station, Dept. of Fisheries & Oceans	July 16 - Aug. 13	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Behaviour haul-out on ice attending hole attending crack	Cetaceans Number Identification Age Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Turbidity Water Colour	Whale study
80-0111	Canadian Wildlife Service, Dept. of Environment (for Arctic Pilot Project)	Apr. 13 - May 13	Barrow Strait	RS BS	Identification species Behaviour vocalization rate vocalization frequency vocalization duration vocalization slope	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Ice Coverage Type Snow Depth	
81-0097	Government of Northwest Territories	July 01, 1981 - June 30, 1982	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
81-0098	Canadian Wildlife Service, Dept. of Environment	June 22 - July 10	Baring Channel, Barrow Strait, Hadley Bay, Liddon Gulf, M'Clintock Channel, M'Clure Strait, Peel Sound, Prince of Wales Strait, Viscount Melville Sound	RS BS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by	Cetaceans Number Identification Age Movements Ice-associated Mammals Number Identification Reproduction Terrestrial Mammals Number Identification		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	See 80-0024 this volume, 81-0024 in Volume 13

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
81-0100	Arctic Biological Station, Dept. of Fisheries & Oceans	July 11 - Aug. 04	Aston Bay, Barrow Strait, Bellot Strait, Burnett Inlet, Creswell Bay, Croker Bay, Cunningham Inlet, Fitzgerald Bay, Garnier Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location # observed/aerial transect line #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 80-0103
81-0109	Arctic Biological Station, Dept. of Fisheries & Oceans	June 13 - Aug. 16	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Behaviour haul-out on ice haul-out on land attending hole attending crack	Cetaceans Number Identification Age Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Turbidity Water Colour	Whale study, see 80-0109
81-0110	Baffin Region Inuit Association	Jan. 01 - Dec. 31	Arctic Bay, Resolute Bay	RS BS HA	Number # shot & landed/location Identification species				Harvest study
81-0111	Canadian Wildlife Service, Dept. of Environment (for Arctic Pilot Project)	Mar. 26 - June 29	Barrow Strait	RS BS	Identification species Behaviour vocalization rate vocalization frequency vocalization duration vocalization slope	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Ice Coverage Type Snow Depth	See 80-0111
82-0011	Canadian Wildlife Service, Dept. of Environment	July 01-03	Barrow Strait	RS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	
82-0092	Government of Northwest Territories	July 01, 1982 - June 30, 1983	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
82-0098	Arctic Biological Station, Dept. of Fisheries & Oceans	July 04-14	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Ice Coverage Type	Whale study, see 80-0103
82-0104	LGL Ltd. (for Dept. of Indian Affairs & Northern Development*)	June 24 - July 07	Admiralty Inlet, Lancaster Sound, Strathcona Sound	RS BS WA	Number # observed/location Identification species Age age class Behaviour haul-out on ice attending crack diving during approach by vessel	Fish - Marine Number Identification Birds Number Identification Food Cetaceans Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Atmosphere Wind Speed Ice Coverage Type	Whale study
82-0115	Canadian Wildlife Service, Dept. of Environment (for Petro-Canada Ltd.)	Oct. 10-14	Barrow Strait	RS	Number # observed/aerial transect line # unattended holes/location # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Temperature Ice Coverage Type Thickness	
82-0116	Arctic Biological Station, Dept. of Fisheries & Oceans & McGill University	June 16 - Aug. 16	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Parasites/Predators pursuit by bear, p/a Behaviour haul-out on ice attending hole attending crack Physiology moulting, p/a	Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 80-0109
82-0121	Government of Northwest Territories	Oct. 1982 - Dec. 1983	Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven,	RS BS HA	Number # shot & landed/location Identification species				Harvest study

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
82-0121 (cont'd)			Pelly Bay, Spence Bay						
82-0122	Baffin Region Inuit Association	Jan. 01 - Dec. 31	Arctic Bay, Resolute Bay	RS BS HA	Number # shot & landed/location Identification species				Harvest study, see 81-0110
82-0123	Canadian Wildlife Service, Dept. of Environment (for Arctic Pilot Project)	Apr. 23-30	Barrow Strait	RS	Identification species Behaviour vocalization rate vocalization frequency vocalization duration	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Ice Coverage Type Snow Depth	See 80-0111
83-0049	Freshwater Institute, Dept. of Fisheries & Oceans (for Northern Oil and Gas Action Program)	Aug. NS - Sep. NS	Admiralty Inlet, Creswell Bay, Prince Regent Inlet	RS UP WA HA	Number #/group #/photograph Identification species Morphometrics coat colour tusk, p/a body length Movements heading Behaviour haul-out on ice assoc. with birds assoc. with whales diving during fly-by	Birds Number Identification Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Temperature Turbidity Wave Climate Water Colour	Whale study
83-0050	University of Manitoba (for World Wildlife Fund Canada)	Aug. 17-18	Admiralty Inlet	HA	Number #/group #/photograph Identification species	Cetaceans Number Identification Age Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate	Whale study
83-0052	Arctic Biological Station, Dept. of Fisheries & Oceans & McGill University (for Dept. of Fisheries & Oceans, & World Wildlife Fund Canada)	June 17 - Aug. 22	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Morphometrics standard length axillary girth blubber thickness Age # cementum annuli, canines Reproduction sex corpus leuteum corpus albicans follicular activity scars on uterine horns Food stomach contents, p/a	Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Incoming Radiation Ice Coverage Type Water Column Temperature Current Speed Current Direction Turbidity Water Colour	Whale study, see 80-0109

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
83-0052 (cont'd)					Parasites/Predators internal parasites, p/a pursuit by bear, p/a Behaviour haul-out on ice attending hole attending crack				
83-0055	LGL Ltd. (for Dept. of Indian Affairs & Northern Development*)	June 17 - July 10	Lancaster Sound	RS BS WA HA HD	Number # observed/location #/group Identification species Movements heading Behaviour haul-out on ice	Birds Number Identification Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate	Whale study, see 82-0104
83-0064	Arctic Biological Station, Dept. of Fisheries & Oceans, (for Dept. of Fisheries & Oceans, & World Wildlife Fund Canada)	June 24 - Aug. 03	Aston Bay, Barrow Strait, Batty Bay, Bellot Strait, Creswell Bay, Cunningham Inlet, Elwin Bay, Fury Point, Garnier Bay, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 80-0103
83-0071	Government of Northwest Territories	July 01, 1983 - June 30, 1984	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100
83-0072	Baffin Region Inuit Association	Jan. 01 - Dec. 31	Arctic Bay, Resolute Bay	RS BS HA	Number # shot & landed/location Identification species				Harvest study, see 81-0110
84-0024	Freshwater Institute, Dept. of Fisheries & Oceans	June 24-26	Barrow Strait	RS BS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft #/photograph Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by	Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
84-0025	Freshwater Institute, Dept. of Fisheries & Oceans (for Northern Oil and Gas Action Program)	Aug. 20-29	Admiralty Inlet, Creswell Bay, Peel Sound, Prince Regent Inlet	RS UP WA HA	Number # observed/location #/group #/photograph Identification species Morphometrics coat colour tusk, p/a body length Movements heading Behaviour haul-out on ice assoc. with birds assoc. with whales diving during fly-by	Birds Number Identification Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Temperature Turbidity Wave Climate Water Colour	Whale study, see 83-0049
84-0026	University of Manitoba (for World Wildlife Fund Canada)	Aug. 21-23	Admiralty Inlet	HA	Number #/group #/photograph Identification species	Cetaceans Number Identification Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Temperature Wave Climate	Whale study, see 83-0050
84-0027	Arctic Biological Station, Dept. of Fisheries & Oceans (for Dept. of Fisheries & Oceans, & World Wildlife Fund Canada)	July 02 - Aug. 03	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 80-0103
84-0028	Arctic Biological Station, Dept. of Fisheries & Oceans (for Freshwater Institute, Dept. of Fisheries & Oceans)	Aug. 07 - Sep. 06	Admiralty Inlet, Lancaster Sound, Prince Regent Inlet	RS BS HA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Zooplankton Number Identification Cetaceans Number Identification Morphometrics Age Movements Behaviour			Whale study
84-0031	LGL Ltd. (for Dept. of Indian Affairs & Northern Development*)	June 27 - July 02	Lancaster Sound	RS BS WA HA HD	Number # observed/location #/group Identification species Movements heading Behaviour haul-out on ice	Birds Number Identification Cetaceans Number Identification Age Reproduction Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate	Whale study, see 82-0104

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
84-0040	Freshwater Institute, Dept. of Fisheries & Oceans	Mar. 15 - Sep. 05	Barrow Strait	RS	Number # observed/location Identification species Food stomach contents, weight stomach contents, identification	Phytoplankton Number Identification Zooplankton Number Identification Zoobenthos Number Identification Phytobenthos Number Identification Fish - Marine Number Identification Morphometrics Birds Number Identification Cetaceans Number Identification Movements Behaviour	Water Column Nutrients Chlorophyll Dissolved Oxygen	Atmosphere Wind Speed Wind Direction Precipitation Ice Coverage Type Thickness Water Column Temperature Salinity Current Direction	Note 6; marine ecology study
84-0041	Arctic Biological Station, Dept. of Fisheries & Oceans & McGill University	Feb. NS - June NS	Barrow Strait	RS BS WA	Number Identification Morphometrics Age Reproduction Food Parasites/Predators Behaviour Other/Habitat	Birds Number Identification Ice-associated Mammals Number Identification Age Behaviour Other/Habitat		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Thickness Snow Depth	Note 6
84-0042	Arctic Biological Station, Dept. of Fisheries & Oceans (for Dept. of Fisheries & Oceans & World Wildlife Fund Canada)	June 16 - Aug. 20	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Parasites/Predators pursuit by bear, p/a Behaviour haul-out on ice attending hole attending crack Physiology moulting, p/a	Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Incoming Radiation Ice Coverage Type Water Column Temperature Current Speed Current Direction Turbidity Water Colour	Whale study, see 80-0109
84-0053	Government of Northwest Territories	July 01, 1984 - June 30, 1985	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
85-0022	Freshwater Institute, Dept. of Fisheries & Oceans	Mar. 15 - Sep. 15	Barrow Strait	RS WA HA	Number # observed/location Identification species Food stomach contents, weight stomach contents, identification	Phytoplankton Number Identification Zooplankton Number Identification Zoobenthos Number Identification Phytobenthos Number Identification Fish - Marine Number Identification Morphometrics Birds Number Identification Cetaceans Number Identification Movements Behaviour Ice-associated Mammals Number Identification Food Movements Behaviour	Water Column Nutrients Chlorophyll Dissolved Oxygen	Atmosphere Wind Speed Wind Direction Precipitation Ice Coverage Type Thickness Water Column Temperature Salinity Current Direction INC	Note 6; marine ecology study
85-0023	Freshwater Institute, Dept. of Fisheries & Oceans	June 13-15	Barrow Strait	RS BS	Number # observed/aerial transect line # unattended holes/aerial transect line #/group #/distance from aircraft Identification species Behaviour haul-out on ice attending hole attending crack diving during fly-by	Cetaceans Number Identification Behaviour Ice-associated Mammals Number Identification Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type	
85-0024	University of Manitoba (for World Wildlife Fund Canada)	Aug. 13-14	Admiralty Inlet	HA	Number #/group #/photograph Identification species	Cetaceans Number Identification Age Movements Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Wave Climate	Whale study, see 83-0050
85-0025	Freshwater Institute, Dept. of Fisheries & Oceans	Aug. 10-20	Admiralty Inlet, Creswell Bay, Peel Sound, Prince Regent Inlet	RS UP WA HA	Number # observed/location #/group #/photograph Identification species Morphometrics	Birds Number Identification Cetaceans Number Identification Morphometrics		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 83-0049

TABLE 1 (cont'd)

DATA SET I.D.	COLLECTING AGENCY	COLLECTING PERIOD	AREA	TAXA REPORTED	SEAL MEASUREMENTS OR OBSERVATIONS	CONCURRENT MEASUREMENTS			REMARKS
						BIOLOGICAL	CHEMICAL	PHYSICAL	
85-0025 (cont'd)					coat colour tusk, p/a body length Movements heading Behaviour haul-out on ice assoc. with birds assoc. with whales diving during fly-by	Age Reproduction Movements Behaviour Ice-Associated Mammals Number Identification		Water Column Temperature Turbidity Wave Climate Water Colour	
85-0026	Arctic Biological Station, Dept. of Fisheries & Oceans & McGill University	Feb. NS - June NS	Barrow Strait	RS BS WA	Number Identification Morphometrics Age Reproduction Food Parasites/Predators Behaviour Other/Habitat	Birds Number Identification Ice-Associated Mammals Number Identification Age Behaviour Other/Habitat		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Thickness Snow Depth	See 84-0041; Note 6
85-0027	Arctic Biological Station, Dept. of Fisheries & Oceans (for Dept. of Fisheries & Oceans & World Wildlife Fund Canada)	June 15 - July 03	Aston Bay, Barrow Strait, Bellot Strait, Creswell Bay, Cunningham Inlet, Lancaster Sound, Maxwell Bay, Peel Sound, Prince Regent Inlet, Radstock Bay	RS BS WA	Number # observed/location #/group Identification species Behaviour haul-out on ice	Cetaceans Number Identification Age Movements Behaviour Ice-associated Mammals Number Identification Age Movements Behaviour		Atmosphere Wind Speed Precipitation Atm. Conditions Ice Coverage Type	Whale study, see 80-0103
85-0028	Arctic Biological Station, Dept. of Fisheries & Oceans (for World Wildlife Fund Canada)	June 12 - Aug. 12	Cunningham Inlet	RS BS	Number # observed/location #/group Identification species Parasites/Predators pursuit by bear, p/a Behaviour haul-out on ice attending hole attending crack Physiology moulting, p/a	Cetaceans Number Identification Morphometrics Age Reproduction Movements Behaviour Ice-associated Mammals Number Identification Age Food Behaviour		Atmosphere Wind Speed Wind Direction Precipitation Atm. Conditions Ice Coverage Type Water Column Turbidity Water Colour	Whale study, see 80-0109
85-0038	Government of Northwest Territories	July 01, 1985 - June 30, 1986	Arctic Bay, Bathurst Inlet, Cambridge Bay, Coppermine, Gjoa Haven, Pelly Bay, Resolute Bay, Spence Bay	RS UP HA	Number # shot & traded/community Identification species	Ice-associated Mammals Number Identification Terrestrial Mammals Number Identification			Fur export tax returns, see 71-0100

Data Catalogue Table 2: Pinniped Measurements, Sampling Intensity and Methodology, and Rating

Table 2 presents information on each of the specific measurements in each data set. Data sets are listed in chronological order according to I.D. number. Information on the measurements contained in this table and specific abbreviations used is given below, by column.

Data Set I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year during which the data were gathered; the last four digits of the I.D. is the identifier number for the data set. The subscript $_{18}$ indicates data sets obtained in the 1800's. The data sets are ordered chronologically, by year of study commencement.

Species

The species which were measured are indicated in this column. Abbreviations for each are:

RS	ringed seal (Phoca hispida)
BS	bearded seal (Erignathus barbatus)
UP	unidentified pinniped (species not given)
WA	walrus (Odobenus rosmarus)
HB	harbour seal (Phoca vitulina)
HA	harp seal (Phoca groenlandica)
HD	hooded seal (Cystophora cristata)

Measurements

Specific measurements are listed for each species, and organized in the same order as in Table 1 (see Table 6.1 for composite list).

Units

This column indicates the unit(s) used as a standard when obtaining each measurement. All of the units used for each measurement are indicated; "or" has been used to separate different units. "NS" means the unit(s) was not specified. Slashes separate different parts of the same unit. Commas have been used between slashes to separate the different entities used for one part of a unit. Metric units have been abbreviated; Imperial units have been spelled out. "Description" has been used to indicate when a series of several entities has served as one unit. "Relative" indicates the use of imprecise units, such as "few," "many," "small," "large." "General" refers to a verbal description of sample location, and is used where no latitudes, longitudes, or specific sites were given.

No. of Samples

This column indicates the number of data points obtained on each measurement for each species in each data set. "NS" means the number of samples was not specified. If more than one data point per measurement per animal was obtained, the number of animals sampled is given. The number of data points has been estimated in instances where only the minimum or the pooled number of data points is known. "A" means that the measurement was made on all samples.

Study Method

The method(s) used to make the seal measurment is (are) indicated. Every method known to have been used to obtain data on each measurement has been listed. Known details of the methods have been included. The notations for surveys are defined as follows:

RAS; W; X m; Y km/h; Z km = reconnaissance aerial survey
"W" type of aircraft used; flown at "X" altitude in metres; survey speed of "Y" kilometres per hour; transect width of "Z" kilometres.

RVS; M; N m; O km/h; P km = reconnaissance vessel survey
"M" type of vessel used; observation point "N" metres above sea level; speed of "O" kilometres per hour; transect width of "P" kilometres.

SAS; A; B m; C km/h; D km = systematic aerial survey
"A" type of aircraft used; flown at "B" altitude in metres; survey speed of "C" kilometres per hour; transect width of "D" kilometres.

Storage

Details of storage of tissues, teeth, claws, recordings or photographs are indicated. All known details are given. "NS" and "NA" mean that details about sample storage were not specified or not applicable, respectively.

Analysis

Techniques used to count tooth and claw annuli, to measure details on photographs, to examine reproductive tracts, or to analyze tape recordings are given in this column. Statistical analyses performed on the data are not indicated. "NS" and "NA" mean the method of analysis was not specified or not applicable, respectively.

Precision/Accuracy

If repeated measurements were made on a sample, the level of random error (precision) is indicated. If the technique was tested against a known standard, the level of systematic error (accuracy) is indicated. Approximations or estimations of the level of reliability of the data (precision and accuracy) are given if available. For most measurements, no indication of either precision or accuracy is given ("NS" or not specified).

Rating

A rating has been assigned to each measurement in each data set, using the criteria outlined in the charts in Section 6.4. "NA" (not applicable) appears where a particular measurement was not rated (e.g. the measurement of identification to species). One or more ratings, followed by a colon and one or more additional numbers, appear in this column for each measurement. The number on the left of the colon is the rating score. The number(s) on the right of the colon indicate which questions (on the flow charts for that measurement) were assigned that particular rating score. Unless indicated using the above scheme, a "yes" response was obtained to the other relevant questions.

Remarks

Additional comments referring to sampling intensity and/or methodology are given in this column. Comments are indicated by numbered notes, as defined below.

Note 1. Comparison of aerial and ground counts indicated that seal numbers at breathing holes were underestimated and seal numbers at cracks were overestimated by the former.

Note 2. Number of samples was estimated because data pooled from several data sets or from several measurements.

Note 3. Estimates do not include pelts used for domestic purposes, handicrafts, or traded among communities. Estimates presented for all communities combined.

Note 4. The study method used was not designed to study pinnipeds, and observations/measurements are thus incidental.

Note 5. Some transects were surveyed more than once (replication).

Note 7. Age and/or sex of the target was probably also measured, but no further information was available.

Note 12. Suspected misidentification of species.

Note 13. Imprecise or undefined units, most often concerning what constitutes a "group."

Note 14. Making pinniped measurements was incidental to program objectives.

Note 15. Locations calculated using ground speed and elapsed time.

Note 16. Samples collected but analysis incomplete. No publication available. Precision and accuracy thus have not been scrutinized, and in some cases (depending on extent of analysis) the measurement cannot yet be rated.

Note 17. Includes combination of seals collected by scientists, those killed by polar bears, and/or collected from hunter kills.

Note 19. Seals other than harp or ringed.

Note 21. The measurement is subjective, and no method standard exists.

Note 22. Data not available and as yet unpublished, although publication in 1988 is anticipated. The data set is part of an extensive three year study which includes pinniped measurements in most categories.

Note 25. Number of samples reflects maximum number of seals taken by one community in one year.

Note 26. Examination of carcass after bear kill; number of measurements on each sample varies because this depends on the integrity and amount left on the carcass.

TABLE 2

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
18^{34}-0001	UP	# observed/location	seals/general	NS	Incidental report	NA	NA	NS	2:all	Note 14
	WA	species	common name	NS	NS	NA	NA	NA	NA	
		# killed/location	walrus/NS	NS	Incidental report	NA	NA	NS	2:2-4	
18^{38}-0001	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,4,6 3:7	Note 14
		# shot & landed/location	seal/general	1	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
		# shot & lost/location	seals/general	>2	RVS; NS; NS; NS	NA	NA	NS	2:all	
		markings	description	1	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:3-5	
		diving during approach by person	seal enters water	NS	Incidental report while landed for meal	NA	NA	NS	2:4-5	
		sinking when shot	description	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:4-5	
18^{50}-0001	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	Note 14
		# shot & landed/location	seals/general	4	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:3	
		attending hole	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
	WA	species	scientific name	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
18^{51}-0001	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	Note 14
		haul-out on ice	presence, absence	1	RIS Visual observation from ice surface	NA	NA	NS	3:6	
18^{52}-0002	UP	# observed/location	seals/general	6 seals	NS	NA	NA	NS	2:all	Note 14
		haul-out on ice	presence, absence	NS	Visual observation from NS	NA	NA	NS	2:all	
18^{58}-0002	UP	# shot & landed/location	seals/NS	NS	NS	NA	NA		2:all	Note 14
	WA	# observed/location	walrus/NS	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	
		# shot & lost/location	walrus/NS	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	
		species	common name	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
		sinking when shot	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
$1_{8}{}^{75}$-0001	BS	# shot & landed/location	seal/general	1	RVS; NS; NS; NS Shot from vessel	NA	NA	NS	2:all	
		# shot & lost/location	seal/general	1	RVS; NS; NS; NS Shot from vessel	NA	NA	NS	2:all	
		species	common name	2	Visual observation from vessel	NA	NA	NA	NA	
		haul-out on ice	presence, absence	1	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
		sinking when shot	presence, absence	1	RVS; NS; NS; NS Shot from vessel and sunk	NA	NA	NS	3:6	
	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	Note 14
		# shot & landed/location	seals/general	NS	RVS; NS; NS; NS Shot from vessel	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
		haul-out on land	presence, absence	1	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
$1_{8}{}^{79}$-0001	RS	species	common name	NS	NS	NA	NA	NA	NA	Note 14
		coat colour	hue	NS	Incidental report	NA	NA	NS	2:all	
		markings	description	NS	Incidental report	NA	NA	NS	2:all	
	BS	# observed/location	seal/general	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
	UP	# observed/location	seals/general	NS	Visual description from shore	NA	NA	NS	2:all	
		# shot & lost/location	seal/general	1	Incidental report	NA	NA	NS	2:all	
		# shot & landed/location	seals/general	2	Incidental report	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	NS	Incidental report	NA	NA	NS	3:6	
		attending hole	presence, absence	NS	Incidental report	NA	NA	NS	3:6	
	WA	# shot & lost/location	walrus/general	NS	Incidental report	NA	NA	NS	2:all	
		# shot & landed/location	walrus/general	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
		body weight	pounds	NS	Description	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	NS	Incidental report	NA	NA	NS	3:6	
03-0004	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:1,3,6 3:7	
		assoc. with birds	presence, absence	1	RVS; NS; NS; NS	NA	NA	NS	3:6	
	WA	# observed/location	walrus/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:1,3,6 3:7	
		species	common name	NS	NS	NA	NA	NA	NA	
		assoc. with birds	presence, absence	1	RVS; NS; NS; NS	NA	NA	NS	3:6	
08-0001	RS	# observed/location	seal/NS	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	
		species	"jar"	NS	NS	NA	NA	NA	NA	
	BS	# observed/location	seal/NS	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,6 3:7	
		species	"big seal"	NS	NS	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
08-0001 (cont'd)	UP	# observed/location	seals/general, NS	NS	Incidental report	NA	NA	NS	2:1,3,6 3:7	
		# unattended holes/ location	holes/NS	NS	RIS Incidental report	NA	NA	NS	2:all	
		#/group	seals/group	NS	RIS Incidental report	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	NS	Visual observation	NA	NA	NS	3:6	
		attending crack	presence, absence	NS	Visual observation	NA	NA	NS	3:6	
		diving during approach by person	presence, absence	NS	Incidental report	NA	NA	NS	3:6	
	WA	# observed/location	walrus/NS	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	
		# shot & traded/ community	walrus/NS	NS	NS	NA	NA	NS	2:all	
		# shot & not traded/ community	meat saved/NS	NS	NS	NA	NA	NS	2:all	
		species	scientific name; common name	NS	NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:6	
	HB	# observed/location	seal/NS, general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	
		species	scientific name; common name	NS	NS	NA	NA	NA		Note 12
12-0002	RS	# observed/location	seals/NS	NS	Incidental report	NA	NA	NS	2:all	
		species	"jar"	NS	NS	NA	NA	NA	NA	
	BS	# observed/location	seals/NS	NS	Incidental report; RIS	NA	NA	NS	2:all	
		species	"big" "square-flipper"	NS	NS	NA	NA	NA	NA	
	UP	# observed/location	seal/NS	NS	RIS Incidental report	NA	NA	NS	2:all	
		# shot & lost/location	seal/general	2	Incidental report	NA	NA	NS	2:1,3	
		# shot & landed/location	seal/general	1	Incidental report	NA	NA	NA	2:1,3	
		attending crack	presence, absence	NS	Incidental report	NA	NA	NS	3:6	
	WA	# observed/location	walrus/NS, general	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
	HD	# observed/location	seal/NS	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
	HA	# observed/location	seal/NS	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
	HB	# observed/location	seal/NS	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
21-0001	RS	# observed/location	seals/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:all	
		# unattended holes/ location	holes/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:all	
		# dead/location	seals/general	NS	Hunter interview	NA	NA	NS	2:2,4	
		# shot & lost/location	seal/general	1	Hunter interview	NA	NA	NS	2:all	
		# shot & landed/location	seals/general	5	Hunter interview	NA	NA	NS	2:all	
		species	scientific name	NS	NS	NA	NA	NA	NA	
		coat colour	hues	1	NS	NA	NA	NS	2:2,3	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
21-0001 (cont'd)		body length	relative	NS	Field examination of harvested seal	NA	NA	NS	2:2-5	
		spleen weight	relative	1	Field examination of harvested seal	NS	NA	NS	2:all	
		blubber thickness	relative	1	Field examination of harvested seal	NA	NA	NS	2:2-5	
		age class	pup, adult, "last year's"	2	NS	NA	NA	NS	2:all	
		sex	male, female	2	NS	NA	NA	NS	2:all	
		breeding odour	presence, absence	NS	RIS	NA	NA	NS	2:3-5	
		pup in lair	presence, absence	1	RIS	NA	NA	NS	2:4,5	
		stomach contents	presence, absence	NS	Examination of harvested seal	NS	NA	NS	2:2-5	
		stomach contents, identification	milk, taxonomic group	NS	Examination of harvested seal	NS	NA	NS	NA	
		haul-out on ice	presence, absence	NS	RIS; NS	NA	NA	NS	2:2-6	
		attending hole	presence, absence	NS	RIS; NS	NA	NA	NS	2:2-6	
		dive time	relative	1	NS	NA	NA	NS	2:1,4,5	
		diving during approach by person	presence, absence	1	RIS	NA	NA	NS	2:3,5	
		distance between individuals	metres	NS	NS	NA	NA	NS	2:all	
		moulting	presence, absence	1	NS	NA	NA	NS	3:3	
		sinking when shot	presence, absence	1	NS	NA	NA	NS	2:3-5	
		distance of seal from shore	metres	1	NS	NA	NA	NS	2:all	
	WA	# observed/location	walrus/general	NS	Hunter interview; NS	NA	NA	NS	2:all	
		# shot & landed/location	walrus/general	7-9	Hunter interview; NS	NA	NA	NS	2:all	
		species	scientific name	NS	NS	NA	NA	NA	NA	
		tusk condition	description	1	Examination of landed animal	NS	NA	NS	2:all	
		age class	relative	1	NS	NA	NA	NS	2:all	
		sex	bulls, cows	NS	NS	NA	NA	NS	2:all	
		heading	compass point	NS	NS	NA	NA	NS	3:7 2:1,2,5,6	
		haul-out on ice	presence, absence	NS	RIS	NA	NA	NS	2:all	
		fat content	description	1	Examination of landed animal	NS	NS	NS	2:2-5	
		sinking when shot	presence, absence	1	Hunter interview	NA	NA	NS	2:3,5	
	HA	# observed/location	seals/general	NS	Incidental report	NA	NA	NS	2:all	
		species	scientific name	NS	NS	NA	NA	NA	NA	
		position in water	description	NS	Incidental report	NA	NA	NS	2:all	
	HD	# observed/location	seals/general	NS	Incidental report	NA	NA	NS	2:all	
		#/group	seals/group	NS	Incidental report	NA	NA	NS	2:2-7	
		species	scientific name	NS	NS	NA	NA	NA	NA	
23-0003	WA	# observed/location	walrus/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	
		species	common name; scientific name	NS	NS	NA	NA	NA	NA	
40-0010	RS	# observed/location	seals/general	NS	RVS; 32 m schooner; NS; NS; NS; vessel watch	NA	NA	NS	2:1,3,6 3:7	Note 14
		# shot & landed/location	seals/general	NS	RIS	NA	NA	NS	3:3	
		species	common name	NS	NS	NA	NA	NA	NA	
	UP	# observed/location	seals/general	NS	RVS; 32 m schooner; NS; NS; NS; vessel watch	NA	NA	NS	2:1,3,6 3:7	
40-0012	RS	# shot & traded/community	max. no. of pelts traded in one year/community	44 years; 8 commun.	Trader's records	NA	NA	NS	2:all	Notes 3,14

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
40-0012 (cont'd)		species	common name	A	NS	NA	NA	NA	NA	
	UP	# shot & traded/ community	max. no. of pelts traded in one year/community	44 years; 8 commun.	Trader's records	NA	NA	NS	2:all	Note 3
40-0013	WA	# shot & landed/location	walrus/general	1	Incidental report	NA	NA	NS	2:all	
		species	common name	1	NS	NA	NA	NA	NA	
44-0002	RS	# observed/location	seals/general	NS	RVS; 32 m schooner; NS; NS; NS	NA	NA	NS	2:1,3,6 3:7	Note 14
		# shot & landed/location	seals/general	NS	RVS; 32 m schooner; NS; NS; NS	NA	NA	NS	3:3	
		species	common name	NS	NS	NA	NA	NA	NA	
	UP	# observed/location	seals/general	NS	RVS; 32 m schooner; NS; NS; NS	NA	NA	NS	2:1,3,6 3:7	
46-0003	RS	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:1,3,6 3:7	
		#/group	seals/group	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	Note 13
		# dead/location	remains/general	NS	Incidental report	NA	NA	NS	2:2-4	
		species	common name; netcheck	NS	NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:1,3,6,7	
		#/group	seals/group	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	
		species	common name; Oojouk	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NA	NA	
		body length	large size	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	
		standard length, pelt	cm	1	Collected specimen Hunter interview	NA	NA	NS	2:2-5	
		stomach contents	presence, absence	1	Collected specimen Hunter interview	NS	NA	NS	2:all	
		haul-out on ice	presence, absence	2	RVS; NS; NS; NS	NA	NA	NS	4	
		diving during approach by vessel	presence, absence	1	Motor launch pass	NA	NA	NS	4	
		diving during fly-by	presence, absence	1	RAS; helicopter; NS; NS; NS	NA	NA	NS	4	
	WA	# observed/location	walrus/general	100's walrus	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:3,6 3:7	
		#/group	walrus/group	>14 groups	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	Note 13
		# shot & landed/location	walrus shot/general	5	Hunter interview	NA	NA	NS	2:all	
		# dead/location	remains/general	NS	NS	NA	NA	NS	2:2-4	
		species	common name	NS	RVS; NS; NS; NS; NS	NA	NA	NA	NA	
		distance between surfacings	yards	1 session	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
46-0003 (cont'd)		position in water	description	1	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	
		breathing	description	1 session	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	3:5	
	HA	# observed/location	seals/general	1,000's seals	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	seals/group	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	Note 13
		species	common name; "jar"	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NA	NA	
		sex	male, female	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	
47-0005	RS	# observed/location	seals/general	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	seals/group	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NS	2:all	Note 13
		species	scientific name; common name	NS	RVS; NS; NS; NS Visual observation from vessel deck or bridge	NA	NA	NA	NA	
		pelt colour	NA	NS	Incidental report Examination of harvested specimen	NA	NA	NS	2:2,3	
		age class	young	NS	Incidental report Examination of harvested specimen	NA	NA	NS	2:all	
	BS	# observed/location	seals/general	>66 seals	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	seals/group	6 groups	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	Note 13
		species	common name; scientific name	>66 seals	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	>10 walrus	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	walrus/group	>3 groups	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	Note 13
		species	common name	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS	NA	NA	NS	3:6	
		surface time	minutes, seconds	2 sessions	RVS; NS; NS; NS NS	NA	NA	NS	2:1,3,4 3:5	
		dive time	minutes, seconds	2 sessions	RVS; NS; NS; NS NS	NA	NA	NS	2:1,3,4 3:5	
		diving during fly-by	presence, absence	NS	NS	NA	NA	NS	3:6	
		position in water	description	1 walrus	Observation from vessel with ship's long glass	NA	NA	NS	2:all	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
47-0005 (cont'd)		breathing	description	1 walrus	Observation from vessel with ship's long glass	NA	NA	NS	3:5	
49-0013	RS	# observed/location	seals/general	approx. 21 flights	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	2:1,3,4,6 3:7	Note 2
		species	common name; scientific name	>30 seals	NS	NA	NA	NA	NA	
	BS	# observed/location	seals/general	approx. 21 flights	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	2:1,3,4,6 3:7	Note 2
		#/group	seals/group	2 groups	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	2:all	Note 13
		species	common name; "square flipper"	18-20	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NA	NA	
		heading	compass point	NS "many"	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	8-10	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	3:6	
		assoc. with whales	presence, absence	10	RAS; B-17; 460-1540 m; NS; NS Visual observation from plane	NA	NA	NS	3:6	
	UP	# observed/location	seals/general	approx. 21 flights	RAS; B-17 and helicopter; 460-1540 m; NS; NS Visual observation from aircraft	NA	NA	NS	2:1,3,4,6 3:7	Note 2
		pursuit by bear	presence, absence	approx. 21 flights	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	4	
	WA	# observed/location	walrus/general	approx. 21 flights	RAS; B-17 and helicopter; NS; NS; NS Visual observation from aircraft 35 mm photographs; shutter 1/200 at f4 and f5.6 Motion pictures at 25 frames/sec.; NS	Motion and still photographs	NS	NS	2:1,3,5,6 3:7	Note 2
		#/group	walrus/group	4 groups	RAS; B-17 and helicopter; NS; NS; NS Visual observation from aircraft 35 mm photographs; shutter 1/200 at f4 and f5.6 Motion pictures at 25 frames/sec.; NS	Motion and still photographs	NS	NS	2:all	Note 13
		species	common name	NS	NS	NA	NA	NA	NA	
		sex	male (bull), female	NS "several"	Visual observation from aircraft	NA	NA	NS	2:all	
		rookery stain	presence, absence	1 rookery	Visual inspection of rookery	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
49-0013 (cont'd)		rookery depression	presence, absence	1 rookery	Visual inspection of rookery	NA	NA	NS	4	
49-0014	WA	# shot & landed/location	walrus/general	1	Incidental report	NA	NA	NS	2:all	
		species	common name	1	NS	NA	NA	NA	NA	
50-0002	RS	# observed/location	seal/general	1	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:7	
		#/group	seal/group	1 group	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	3:7	
		# shot & landed/location	seals/cache/general	35-40	NS	NA	NA	NS	2:all	
		species	common name	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	NS	Incidental report	NA	NA	NS	2:all	
		#/group	walrus/group	NS	Incidental report	NA	NA	NS	2:all	Note 13
		# shot & lost/location	walrus/general	10 annually	Incidental report	NA	NA	"about"	2:all	
		species	common name	NS	Incidental report	NA	NA	NA	NA	
		heading	compass point	NS	Incidental report	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	NS	Incidental report	NA	NA	NS	2:all	
	HA	# observed/location	seals/general	2 flights	RAS; helicopter; NS; NS	NA	NA	NS	2:1,3,6 3:7	
		#/group	seals/group	3 groups	RAS; helicopter; NS; NS	NA	NA	"about a dozen"	2:all	Note 13
		species	common name	>62 seals	RAS; helicopter; NS; NS	NA	NA	NA	NA	Note 2
		markings	description	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:1,2,4,5	
		age class	"young"	NS	Incidental report	NA	NA	NS	2:all	
51-0028	WA	# shot & landed/location	walrus/general	1	Incidental report	NA	NA	NS	2:all	
		species	common name	1	NS	NA	NA	NA	NA	
52-0008	RS	# observed/location	seal/general	30 h of observ.	RVS; canoe; NS; NS	NA	NA	NS	2:1,3,6 3:7	
		species	scientific name	9	RVS; canoe; NS; NS	NA	NA	NA	NA	
	BS	# observed/location	seal/general	30 h of observ.	Shorewatch RVS; canoe; NS; NS	NA	NA	NS	2:1,3,6 3:7	
		species	scientific name	17	Shorewatch RVS; canoe; NS; NS	NA	NA	NA	NA	Note 12
52-0031	WA	# observed/location	walrus/general	1	Incidental report	NA	NA	NS	2:all	
		species	common name	1	NS	NA	NA	NA	NA	
53-0014	RS	# observed/location	seals/general	61 h of observ.	Shorewatch RVS; canoe; NS; NS	NA	NA	NS	2:1,3,6 3:7	Note 2
		# killed/location	seals/general	1	Killed by dog	NA	NA	NS	2:2	
		species	scientific name	22	RVS; canoe; NS; NS Shorewatch	NA	NA	NA	NA	
		age class	description, "silver jar"	1	Shorewatch	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	2	RVS; canoe; NS; NS	NA	NA	NS	3:6	
53-0032	WA	# observed/location	walrus/general	NS	Incidental report	NA	NA	NS	2:all	
		species	common name	NS	NS	NA	NA	NA	NA	
54-0001	UP	# observed/location	seals/NS	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
		body length	large, small	5	RVS; NS; NS; NS Incidental report	NA	NA	NS	1:1 2:2-4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
54-0001 (cont'd)	WA	# observed/location	walrus/general	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
		species	common name; scientific name	3	RVS; NS; NS; NS Incidental report	NA	NA	NA	NA	
54-0003	RS	# observed/location	seals/general	NS	RVS; icebreaker; NS; NS; NS	NA	NA	NS	2:all	Note 14
		species	common name	NS	Visual observation from vessel	NA	NA	NA	NA	
	BS	# observed/location	seals/general	NS	RVS; icebreaker; NS; NS; NS	NA	NA	NS	2:all	
		species	common name	NS	RVS; icebreaker; NS; NS; NS and visual observation from vessel	NA	NA	NA	NA	
54-0033	RS	# observed/location	seals/general	NS	RVS; NS; NS; NS Incidental reports Shorewatch	NA	NA	NS	2:1,3,4,6	
		# unattended holes/ location	seal holes/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:1,3,4,6	
		#/group	seals/group	NS	RVS; NS; NS; NS	NA	NA	"6-12 seals per group"	2:3,4,6 3:7	Note 13
		# shot & landed/location	seals/NS	72%	Collected specimens Shorewatch	NA	NA	NS	2:1	
		# shot & lost/location	seals/NS	28%	Collected specimens Shorewatch	NA	NA	NS	2:1	
		species	scientific name; common name; "jar"	NS	NS	NA	NA	NA	NA	
		coat colour	"white coats"	2	NS	NA	NA	NS	2:3	
		standard length	feet, inches	approx. 100 seals	Measurements on collected and harvested specimens	NA	NA	NS	2:3-5	Note 17
		age class	baby "jar" seals	2	NS	NA	NA	NS	2:2,3	
		foetus	presence, absence	approx. 100 seals	Measurement on collected and harvested specimens	NS	NA	NS	4	
		stomach contents	presence, absence	approx. 100 seals	Measurement on collected and harvested specimens	NS	NA	NS	4	Note 17
		stomach contents, identification	crustacea/fish groupings	16 stomachs	Measurement on collected and harvested specimens	NS	NS	NS	NA	Note 17
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS	NA	NA	NS	3:6	
		assoc. with birds	description	NS	RVS; NS; NS; NS	NA	NA	NS	3:6	
		moulting	presence, absence	NS	Measurement on collected specimens	NA	NA	NS	2:all	
		breathing hole diameter	inches	NS	NS	NA	NA	"about"	2:all	
	BS	# observed/location	seal/general	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	seal/group	4 groups	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:3,4,6 3:7	Note 13
		species	common name; scientific name; "square flipper"	4	RVS; NS; NS; NS Incidental report	NA	NA	NA	NA	
		age class	"young"	1	RVS; NS; NS; NS	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	2	RVS; NS; NS; NS	NA	NA	NS	3:6	
	HA	# observed/location	seals/general	NS	RVS; NS; NS; NS	NA	NA	NS	2:1,3,4,6 3:7	
		#/group	#/herd	NS	RVs; NS; NS; NS	NA	NA	NS	2:3,4,6 3:7	Note 13
		species	common name; scientific name	NS	RVS; NS; NS; NS	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	NS	RVS; NS; NS; NS Incidental report Shorewatch	NA	NA	NS	2:1,3,4,6 3:7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
54-0033 (cont'd)		# unattended holes/ location	breathing holes/general	NS	RVS; NS; NS; NS Incidental report Shorewatch	NA	NA	NS	2:all	Note 12
		#/group	walrus/group	NS	RVS; NS; NS; NS Incidental report Shorewatch	NA	NA	NS	2:3,4,6 3:7	Note 13
		species	common name; scientific name	NS	RVS; NS; NS; NS Incidental report Shorewatch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	NS	RVS; NS; NS; NS	NA	NA	NS	3:6	
		haul-out on land	presence, absence	NS	Incidental report	NA	NA	NS	2:all	
54-0034	WA	# observed/location	walrus/general	NS	Hunter interview	NA	NA	NS	2:all	
		species	scientific name; common name; "Ivik"	NS	NS	NA	NA	NA	NA	
54-0035	UP	# observed/location	seals/general	3 flights (approx. 20 h)	RAS; North Star and Lancaster; 60-2460 m; 315-333 km/h; NS	NA	NA	Range of 75-100 seals given for one day's search effort	2:1,2,4,6 3:7	
		# unattended holes/ location	seal holes/general	3 flights (approx. 20 h)	RAS; North Star and Lancaster; 60-2460 m; 315-333 km/h; NS	NA	NA	NS	2:1,2,4,6 3:7	
		diving during fly-by	presence, absence	NS	RAS; North Star and Lancaster; 60-2460 m; 315-333 km/h; NS	NA	NA	NS	2:1,2 3:6	
	WA	# observed/location	walrus/general; °Lat & °Long	3 flights (approx. 20 h)	RAS; North Star and Lancaster; 60-2460 m; 315-333 km/h	NA	NA	NS	2:1,2,4,6 3:7	
		species	common name	>3	RAS; North Star and Lancaster; 60-2460 m; 315-333 km/h	NA	NA	NA	NA	
54-0039	BS	# observed/location	seals/general	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
		species	common name	NS	RVS; NS; NS; NS Incidental report	NA	NA	NA	NA	Note 12
	UP	# observed/location	seals/general	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
	WA	# observed/location	walrus/general	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
		#/group	walrus/group	NS	RVS; NS; NS; NS Incidental report	NA	NA	"2-3 in each group"	2:all	Note 13
		species	common name	NS	RVS; NS; NS; NS Incidental report	NA	NA	NA	NA	
		age class	"young"	NS	RVS; NS; NS; NS Incidental report	NA	NA	NS	2:all	
55-0039	RS	# observed/location	seals/general	<6 h	RAS; Lancaster aircraft; NS; NS; NS	NA	NA	NS	2:1,3,4,6 3:7	
		species	common name	30	RAS; Lancaster aircraft; NS; NS; NS	NA	NA	NA	NA	
	BS	# observed/location	seal/general	1	Incidental report	NA	NA	NS	2:all	
	WA	# observed/location	walrus/general	4 h	Incidental report	NA	NA	NS	2:1,3,4,6 3:7	
		# shot & landed/location	walrus/general	3	Hunter interview	NA	NA	NS	2:all	
		species	common name	20	RAS; Lancaster aircraft; NS; NS; NS	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
56-0035	RS	# shot & landed/location	seals/community	7 commun. 10 years	RCMP game reports; Hunter interview	NA	NA	NS	2:all	Notes 3,25
		species	common name	A	NS	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/community	6 commun. 9 years	RCMP game reports; Hunter interview	NA	NA	NS	2:all	Notes 3,25
		species	common name	A	NS	NA	NA	NA	NA	
	WA	# shot & landed/location	walrus/community	3 commun. 9 years	RCMP game reports; Hunter interview	NA	NA	NS	2:all	Notes 3,25
		species	common name	A	NS	NA	NA	NA	NA	
	HB	# shot & landed/location	seals/community	1 commun. 1 year	RCMP game reports; Hunter interview	NA	NA	NS	2:all	Notes 3,25
		species	common name	A	NS	NA	NA	NA	NA	
	HA	# shot & landed/location	seals/community	2 commun. 5 years	RCMP game reports; Hunter review	NA	NA	NS	2:all	Notes 3,25
		species	common name	A	NS	NA	NA	NA	NA	
57-0020	RS	# observed/location	seals/NS	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	
		#/group	seals/group	A	NS	NA	NA	NS	2:3,4,6 3:7	Note 13
		# shot & traded/community	seals/community	NS	Incidental report	NA	NA	NS	3:3	
		# shot & not traded/community	seals/community	NS	Incidental report	NA	NA	NS	3:3	
		species	common name; scientific name	NS	Shorewatch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	>41	Shorewatch	NA	NA	NS	3:6	
		attending crack	presence, absence	1	Shorewatch	NA	NA	NS	3:6	
		attending lead	presence, absence	40 seals	Shorewatch	NA	NA	"as many as"	3:6	
		frozen out	presence, absence	NS	Shorewatch	NA	NA	NS	3:6	
	BS	# observed/location	seals/general	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	
		#/group	seals/group	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	Note 13
		# shot & landed/location	seals/NS	4	Hunter sample; Hunter interview	NA	NA	NS	2:1	
		species	common name; scientific name	NS	Shorewatch	NA	NA	NA	NA	
		internal parasites	presence, absence	4 seals	Examination of harvested specimens	NS	NS	NS	3:5	
		identification of parasites	"flukes"	4 seals	Examination of harvested specimens	NS	NS	NS	NA	
	WA	# observed/location	walrus/general	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	
		#/group	herd size	>1 group	Shorewatch	NA	NA	"50-60"	2:3,4,6 3:7	Note 13
		# shot & landed/location	# shot/NS	2	Hunter interview	NA	NA	NS	2:1	
		species	common name; scientific name	2	Shorewatch	NA	NA	NA	NA	
		body length	"small"	2	Examination of harvested specimens	NA	NA	NS	2:all	
		sex	male, female	2	Examination of harvested specimens	NA	NA	NS	2:all	
		heading	compass point	1 herd	Shorewatch	NA	NA	NS	2:5,6 3:7	
	HB	# observed/location	seals/general	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
57-0020 (cont'd)		#/group	seal/group	4 groups	Shorewatch	NA	NA	NS	2:3,4,6 3:7	Note 13
		species	common name; scientific name	4 sightings	Shorewatch	NA	NA	NA	NA	
	HA	# observed/location	seals/general	10,000's of seals	Shorewatch RVS; NS; NS; NS	NA	NA	Separate counts made by two observers 2 miles apart	3:7	
		#/group	seals/herd	NS	Shorewatch RVS; NS; NS; NS	NA	NA	NS	2:3,4,6 3:7	Note 13
		# observed/time	15 min. counts per hour on hour	NS	Shorewatch RVS; NS; NS; NS	NA	NA	NS	2:3,4,6 3:7	
		assoc. with whales	presence, absence	A	Shorewatch	NA	NA	NS	2:2 3:6	
		surface time	minutes	NS	Shorewatch	NA	NA	"5-10 minutes"	2:1,4 3:5	
		synchronous diving	presence, absence	NS	Shorewatch	NA	NA	NS	2:3,5 3:6	
		heading	compass point	A	Shorewatch	NA	NA	NS	2:5,6 3:7	
		position in water	description	NS	Shorewatch	NA	NA	NS	2:2,3,5 3:6	
	MD	# observed/location	seals/general	NS	Shorewatch	NA	NA	NS	2:3,4,6 3:7	
		species	common name; scientific name	12	Shorewatch	NA	NA	NA	NA	
57-0045	RS	# observed/location	seals/general	65 h	Shorewatch RVS; NS; NS; NS	NA	NA	NS	3:7	Note 2
		#/group	seals/group	A	Shorewatch	NA	NA	NS	3:7	Note 13
		species	common name; scientific name	53 seals	Shorewatch	NA	NA	NA	NA	
		blubber thickness	cm	2	NS	NA	NA	"approximately"	2:3,4 3:5	
		maximum girth	cm	2	NS	NA	NA	NS	2:3,4 3:5	
		standard length	cm	2	NS	NA	NA	NS	2:3,4 3:5	
		tail length	cm	2	NS	NA	NA	NS	2:3,4 3:5	
		hindflipper length	cm	2	NS	NA	NA	NS	2:3,4 3:5	
		sex	male, female	2	Examination genitalia of shot specimens	NA	NA	NS	2:2	
		molested by swan	description	1	Shorewatch	NA	NA	NS	4	
		haul-out on ice	presence, absence	8	Shorewatch	NA	NA	NS	4	
	BS	# observed/location	seals/general	65 h	RVS; NS; NS; NS	NA	NA	NS	3:7	Note 2
		species	common name; scientific name	1 seal	RVS; NS; NS; NS	NA	NA	NA	NA	
	UP	# observed/location	seals/general	65 h 2 seals	RVS; NS; NS; NS	NA	NA	NS	3:7	Note 2
58-0044	RS	# observed/location	seals/geographic location	approx. 2 months	Shorewatch, RIS RVS; NS; NS; NS	NA	NA	NS	3:7	
		#/group	seals/group	NS	Shorewatch, RIS RVS; NS; NS; NS	NA	NA	NS	2:3	Note 13
		# shot & landed/location	seal/general	4	Examination of collected specimen	NA	NA	NS	2:all	
		species	common name; scientific name	>65 seals	Shorewatch; RIS RVS; NS; NS; NS	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS: STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY	RATING	REMARKS
58-0044 (cont'd)		sex	male, female	4	Examination of collected specimen	NA	NA	NS	2:2 3:3 3:6	
		haul-out on ice	presence, absence	A	Shorewatch	NA	NA	NS		
	BS	# observed/location	seal/geographic location	approx. 2 months	Shorewatch; RIS RVS; NS; NS; NS	NA	NA	NS	3:7	
		#/group	seals/group	4 groups	Shorewatch; RIS RVS; NS; NS; NS	NA	NA	NS	3:7	
		species	common name; scientific name	4 seals	Shorewatch; RIS RVS; NS; NS; NS	NA	NA	"probably a bearded seal"	NA	
		haul-out on ice	presence, absence	1	Shorewatch; RIS	NA	NA	NS	4	
58-0045	RS	# observed/location	seals/general	5 flights	RAS; Beaver; 76 m; NS; NS	NA	NA	NS	2:1,3,4 3:7	
		species	common name	41 seals	RAS; Beaver; 76 m; NS; NS	NA	NA	NA	NA	
	BS	# observed/location	seals/general	5 flights	RAS; Beaver; 76 m; NS; NS	NA	NA	NS	2:1,3,4 3:7	
		species	common name	11 seals	RAS; Beaver; 76 m; NS; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	10	RAS; Beaver; 76 m; NS; NS	NA	NA	NS	3:6	Note 2
60-0069	WA	# observed/location	walrus/miles from point of of land	1	Incidental report	NA	NA	NS	2:all	
		# shot & landed/location	walrus/°Lat. & °Long.	1	Incidental report	NA	NA	±1.0' Lat. & Long.	2:all	
		species	common name	2	NS	NA	NA	NA	NA	
		age class	years	1	NS	NA	NA	±0.5 years	2:all	
61-0082	WA	# shot & landed/location	walrus/°Lat. & °Long.	2	Hunter interview Incidental report	NA	NA	NS	2:all	
		species	name	2	NS	NA	NA	NA	NA	
62-0007	HA	# observed/location	seals/°Lat. & °Long.	NS	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NS	2:all	Details in Vol. 14
		species	common name	est. 10,000	RVS; NS; NS; NS Visual observation from vessel	NA	NA	NA	NA	
62-0065	RS	# killed/location	seals/general	2 field seasons	RAS; helicopter; NS; NS Observation of seals killed by polar bears	NA	NA	NS	2:2 3:3	Note 6
		species	common name	A	RAS; helicopter; NS; NS Observation of seals killed by polar bears	NA	NA	NA	NA	
65-0059	RS	# observed/location	seals/geographic location	approx. 40 miles	RIS; dog team trek	NA	NA	NS	2:6 3:7	
		species	common name	A	RIS; dog team trek	NA	NA	NA	NA	
	BS	# observed/location	seals/geographic location	approx. 40 miles	RIS; dog team trek	NA	NA	NS	2:6 3:7	
		species	common name	A	RIS; dog team trek	NA	NA	NA	NA	
	WA	# observed/location	walrus/geographic location	approx. 40 miles	RIS; dog team trek	NA	NA	NS	2:6 3:7	
		species	common name	A	RIS; dog team trek	NA	NA	NA	NA	
66-0059	RS	# shot & landed/location	seals/hunter/community	7 hunters; 1 community	Hunter interviews	NA	NA	NS	3:3	
		species	common name	approx. 850 seals	Hunter interviews	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	7 hunters; 1 community	Hunter interviews	NA	NA	NS	3:3	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
66-0059 (cont'd)		species	common name	7 seals	Hunter interviews	NA	NA	NA	NA	
	WA	# shot & landed/location	walrus/hunter/community	1 community; 7 hunters	Hunter interviews	NA	NA	NS	3;3	
		species	common name	1 walrus	Hunter interviews	NA	NA	NA	NA	
67-0045	RS	# shot & landed/location	seals/hunter/community	24 hunters; 1 community	Hunter interviews	NA	NA	NS	3;3	
		species	common name; scientific name	approx. 300 seals	Hunter interviews	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	24 hunters; 1 community	Hunter interviews	NA	NA	NS	3;3	
		species	common name; udjuk	37 seals	Hunter interviews	NA	NA	NA	NA	
	WA	# shot & landed/location	seals/hunter/community	24 hunters; 1 community	Hunter interviews	NA	NA	NS	3;3	
		species	common name; scientific name	10 walrus	Hunter interviews	NA	NA	NA	NA	
	HA	# shot & landed/location	seals/hunter/community	24 hunters; 1 community	Hunter interviews	NA	NA	NS	3;3	
		species	common name; scientific name	8 seals	Hunter interviews	NA	NA	NA	NA	
68-0066	BS	# shot & landed/location	seals/hunter/community	3 commun.; 47 hunters	Hunter interviews	NA	NA	NS	3;3	
		species	common name	73 seals	Hunter interviews	NA	NA	NA	NA	
	UP	# shot & landed/location	seals/hunter/community	3 commun.; 47 hunters; 3,062 seals	Hunter interviews	NA	NA	NS	3;3	
70-0074	RS	# killed/location	seals/geographic location	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3;4	Notes 6,26
		species	common name; scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
71-0100	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
71-0103	RS	# observed/location	discussion; seals/general	NS	Hunter interviews	NA	NA	NS	2:all	
		# shot & landed/location	discussion; seals/general	NS	Hunter interviews	NA	NA	NS	3;3	
		species	common name; scientific name	NS	Hunter interviews	NA	NA	NA	NA	
	BS	# observed/location	discussion; seals/general	NS	Hunter interviews	NA	NA	NS	2:all	
		species	common name; scientific name	NS	Hunter interviews	NA	NA	NA	NA	
	WA	# observed/location	discussion; walrus/general	NS	Hunter interviews	NA	NA	NS	2:all	
		# shot & landed/location	walrus/general	NS	Hunter interviews	NA	NA	NS	3;3	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
71-0103 (cont'd)		species	common name; scientific name	NS	Hunter interviews	NA	NA	NA	NA	
		heading	migration depicted on map	NS	Hunter interviews	NA	NA	NS	2:all	
71-0112	RS	# killed/location	seals/general	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
	WA	# observed/location	walrus/geographic location	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS	NA	NA	NS	4	
		species	scientific name	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS	NA	NA	NA	NA	
72-0099	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Traders	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
72-0105	RS	# killed/location	seals/geographic location	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
72-0120	RS	# killed/location	seals/general	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
73-0116	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
73-0120	RS	# killed/location	seals/geographic location	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
73-0120 (cont'd)		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
73-0123	RS	# observed/location	seals/°Lat. & °Long.	216 seals	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	±1' Long. and Lat.	4	
		#/group	seals/group	141 groups	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	3;7	Note 13
		# killed/location	seals/general	5	Observation of bear kills	NA	NA	±1' Long. and Lat.	4	
		species	scientific name, common name	216	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NA	NA	
		pursuit by bear	presence, absence	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	4	
		attending hole	presence, absence	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	4	
		head raising	sec.	591 sessions	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	4	
		rubbing	presence, absence	NS	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	3;5	Note 21
		scratching	presence, absence	NS	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	3;5	Note 21
	BS	# observed/location	seals/general	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	±1' Long. & Lat.	4	
		species	scientific name	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NA	NA	
		pursuit by bear	presence, absence	1	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	4	
73-0131	BS	species	common name; scientific name	1	Field examination of harvested animal	NA	NA	NA	NA	
		standard length	cm	1	Tape measure	NA	NA	±0.5 cm	4	
		maximum girth	cm	1	Tape measure	NA	NA	±0.5 cm	4	
		blubber thickness	mm at chest	1	Tape measure, knife	NA	NA	NS	3;5	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
73-0131 (cont'd)		# claw annuli	annuli/claw/seal	1	Removal and examination of foreflipper claws	NA	NA	Proportion of claws (13 of 21) from same flipper which yielded different age estimate	3:7	
		sex	male, female	1	Examination of genitalia	NA	NA	NS	4	
		corpus leuteum	presence, absence	NS	Examination of reproductive tract	NA	NA	NS	4	
		corpus albicans	presence, absence	NS	Examination of reproductive tract	NA	NA	NS	4	
		corpus leuteum diameter (max.)	NS	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		corpus albicans diameter (max.)	NS	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		follicular activity	# follicles > 5 mm	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		stomach contents, weight	g (wet weight)	1	Contents removed and fixed	10% Formalin	NS	NS	2:3	Note 2
		stomach contents, volume	ml	1	Contents removed and fixed	10% Formalin	NS	NS	3:4	Note 2
		stomach contents, identification	broad taxonomic groups	1	Contents removed and fixed	10% Formalin	NS	NS	NA	Note 2
73-0132	RS	# observed/location	seals/general, 1' Lat. & 1' Long.	10 dives	RIS; scuba divers under ice 1.9 m thick; dives mid-morning and mid afternoon	Photographs	NA	±1' Lat. & Long.	3:7	
		#/group	seals/group	10	RIS; scuba divers under ice 1.9 m thick; dives mid-morning and mid afternoon	Photographs	NA	NS	3:7	
		species	common name	10-30 seals	RIS; scuba divers under ice 1.9 m thick; dives mid-morning and mid afternoon	Photographs	NA	NA	NA	
		ascent angle	degrees	NS	RIS; scuba divers under ice 1.9 m thick; dives mid-morning and mid afternoon	Photographs	NA	Range of degrees given (30°-40°)	3:7	
		descent angle	degrees	NS	RIS; scuba divers under ice 1.9 m thick; dives mid-morning and mid afternoon	Photographs	NA	"similar to ascent"	3:7	
		dive depth	metres	1	NS	Photographs	NA	NS	3:6	
		scooping air with flipper	description	2	Observation by diver	Photographs	NA	NS	4	
		proximity to divers	relative, metres	A	NS	NA	NA	NS	3:6	
		inhalation	presence, absence	A	Observation by diver	NA	NA	NS	4	
		exhalation	presence, absence	A	NA	NA	NS	4		
73-0133	RS	# killed/location	seals/general	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name	A	RIS; helicopter; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
74-0054	RS	# observed/location	seals/general	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NS	2:4,6 3:7	Note 14
		#/group	seals/group	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NS	2:4,6 3:7	Note 13
		species	common name	NS	Incidental reports	NA	NA	NA	NA	
	HA	# observed/location	seals/general	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NS	2:4,6 3:7	
		#/group	seals/group	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NS	2:4,6 3:7	Note 13

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
74-0054 (cont'd)		species	common name	NS	RAS; Bell 206B; NS; NS; NS Incidental reports	NA	NA	NA	NA	
74-0108	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
74-0111	RS	# observed/location	seals/general	NS	Shorewatch	NA	NA	NS	2:1,3,6,7 3:8	Note 14
		species	common name; scientific name	NS	NS	NA	NA	NA	NA	
		age class	"young"	NS	NS	NA	NA	NS	2:2 3:3	
		haul-out on ice	presence, absence	A	Shorewatch	NA	NA	NS	4	
	UP	# observed/aerial transect line	seals/map location	1 flight	RAS; Twin Otter; 152-366 m; 222-259 km/h; NS	NA	NA	NS	2:1,3,6,7 3:8	Note 14
		#/group	seals/groups	1 seal	RAS; Twin Otter; 152-366 m; 222-259 km/h; NS	NA	NA	NS	2:1,3,6,7 3:8	
	WA	# observed/location	walrus/general	NS	Incidental report	NA	NA	NS	2:1,3,6,7 3:8	Note 14
		species	common name	NS	NS	NA	NA	NA	NA	
74-0113	RS	# killed/location	seals/geographic location	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name; scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
74-0114	RS	# killed/location	seals/geographic name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
74-0116	RS	# observed/location	seals/general	approx. 24,000 linear km	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	Discussion (results as indices)	3:7	Notes 2,4
		#/group	seals/group	NS	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	2:3	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name; scientific name	> 4,000	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
74-0116 (cont'd)		diving during fly-by	presence, absence	NS	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	
	BS	# observed/location	seals/general	approx. 24,000 linear km	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	Discussion (results as indices)	3:7	Notes 2,4
		#/group	seals/group	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	2:3	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	71	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NA	NA	Note 2
	UP	# observed/location	seals/general	approx. 24,000 linear km	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	3:7	Notes 2,4
		#/group	seals/group	NS	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	2:3	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	
	WA	# observed/location	walrus/general	approx. 24,000 linear km	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	Discussion (results as indices)	3:7	Notes 2,4
		#/group	walrus/herd, group	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	2:3	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	48	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NA	NA	
		attending hole	presence, absence	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	
		diving during fly-by	presence, absence	NS	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	4	
	HA	# observed/location	seals/general	approx. 24,000 linear km	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	Discussion (results as indices)	3:7	Notes 2,4
		#/group	seals/group, herd	A	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	Some group sizes estimated	2:3	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		identification	species	287	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NA	NA	Note 2
		distance between individuals	description, relative	NS	RAS; Cessna 337, Twin Otter; 30-46 m; 161-241 km/h; 402 m	NA	NA	NS	3:6	
74-0125	BS	species	scientific name	8	Examination of skull	NS	NA	NA	NA	
		condylobasal length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		zygomatic breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		mastoid breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
74-0125 (cont'd)		braincase breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		least interorbital breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		nasal length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		nasal breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		condyle breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		palatal breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		rostral breadth	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		maxillary toothrow length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		braincase height	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		pre-maxilla length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		palatal length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
		condylopatal length	mm	8	Measurements on skull	NA	NA	±0.01 mm	3:5	
74-0128	RS	# observed/°Lat. & °Long.	seals/general	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60 x Bausch & Lomb telescope; 24 h watch	NA	NA	±1' Lat. & Long.	4	
		#/group	seals/group	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60 x Bausch & Lomb telescope; 24 h watch	NA	NA	NS	3:7	
		# killed/location	seals/general	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60 x Bausch & Lomb telescope; 24 h watch	NA	NA	±1' Lat. & Long.	4	
		species	common name; scientific name	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 10-60 x Bausch & Lomb telescope; 24 h watch	NA	NA	NA	NA	NA
74-0129	UP	# observed/location	seals/general	1	Shorewatch	NA	NA	NS	2:6 3:7	
		polychaete in mouth	presence, absence	1	Shorewatch	NA	NA	Description	4	
75-0075	RS	# observed/location	seals/general	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km	NA	NA	NS	3:7	
		# observed/aerial transect line	seals/2 min. interval	39 lines	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	Attempted comparison of and correlation for observer variability	3:8	Note 5
		#/group	seals/group	> 8,000	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2:3	Notes 2,13
		#/distance from aircraft	on or off transect	A	Marked struts	NA	NA	Sight angles checked by flying over marked strip of known width	3:7	
		species	common name	> 15,000	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NA	NA	Note 2
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0075 (cont'd)		attending hole	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
		attending crack	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km	NA	NA	NS	3;7	
		# observed/aerial transect line	seals/2 min. interval	39 lines	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2:2 3;8	Note 5
		#/group	seals/group	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2:2	
		#/distance from aircraft	on or off transect	A	Marked struts	NA	NA	Sight angles checked by flying over marked strip of known width	3;7	
		species	common name	77 seals	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NA	NA	
		stomach contents stomach contents, identification	relative fullness taxonomic group	1 stomach 1 stomach approx. 200 items	NS NS	NS NS	NS NS	NS NA	3;3 NA	
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
		attending hole	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
		attending crack	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
	WA	# observed/location	walrus/general	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km	NA	NA	NS	3;7	
		# observed/aerial transect line	walrus/2 min. interval	39 lines	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2:2 3;8	Note 5

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0075 (cont'd)		#/group	walus/group	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2:2	
		#/distance from aircraft	on or off transect	A	Marked struts	NA	NA	Sight angles checked by flying over marked strip of known width	3:7	
		species	common name	129 walruses	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NA	NA	
		age class	neonate, yearling	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	2	
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
		haul-out on land	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km Shorewatch	NA	NA	NS	4	
	HA	# observed/location	seals/general	NS	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km	NA	NA	NS	3:7	
		# observed/aerial transect line	seals/2 min. interval	39 lines	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km Shorewatch	NA	NA	NS	3:8	Note 5
		#/group	seals/group, herd	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	Some group sizes estimated	2:3	Note 13
		#/distance from aircraft	on or off transect	A	Marked struts	NA	NA	Sight angles checked by flying over marked strip of known width	3:7	
		#/photograph	seals/photograph	NS	NS camera, RAS; Cessna 337; 30-1220 m; 24-210 km/h; 0.4-1.6 km	Photographs	NS	NS	2:5	
		species	common name	550 seals	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NA	NA	Note 2
		haul-out on ice	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	RAS; Cessna 337, Hughes 500; 30-1220 m; 24-210 km/h; 0.4-1.6 km SAS; Cessna 337; 152 m; 210 km/h; 1.6 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0076	RS	# observed/location	seals/general	NS	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	
		species	common name	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	
		species	common name	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	4	
	WA	# observed/location	walrus/general	NS	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	Note 14
		#/group	walrus/group	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	
		species	common name	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	4	
	HA	# observed/location	seals/general	NS	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NS	2:all	
		species	common name	A	RAS; Bell 206A; 152-213 m; 145-177 km/h; NS Shorewatch	NA	NA	NA	NA	
75-0077	RS	# observed/location	seals/general	NS	RAS; Bell 206B; 65-122 m; NS; 430 m	NA	NA	NS	2:4,6 3:7	Note 14
		# observed/aerial transect line	seals/NS	33 lines	SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:6,7 3:8	
		#/group	seals/group	NS	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,4,6 3:7	
		species	common name	NS	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0077 (cont'd)	BS	# observed/location	seals/NS	1	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	
		species	common name	1	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	
	HA	# observed/location	seals/general	NS	RAS; Bell 206B; 65-122 m; NS; 430 m	NA	NA	NS	2:4,6 3:7	
		# observed/aerial transect line	seals/NS	33 lines	SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:6,7 3:8	
		#/group	seals/group	NS	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,4,6 3:7	
		species	common name	NS	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206B; 65-122 m; NS; 430 m SAS; Bell 206B; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	4	
75-0124	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
75-0127	RS	# observed/location	seals/km^2	260 km^2	Shorewatch Ground counts	NA	NA	Ground and aerial counts compared; visibility scale provided	4	Note 1
		# observed/aerial transect line	seals/2 min.	8000 km^2	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	Ground and aerial counts compared; visibility scale provided	4	Note 1
		# unattended holes/location	holes/km^2	260 km^2	Shorewatch Ground counts	NA	NA	Ground and aerial counts compared; visibility scale provided	4	Note 1
		# unattended holes/aerial transect line	holes/2 min.	8000 km^2	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	Ground and aerial counts compared; visibility scale provided	4	Note 1
		#/group	seals/group	A	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	3:7	Note 13
		#/distance from aircraft	on or off transect	A	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	Struts marked and calibrated against known landmarks	3	
		# dead/location	seals/general, 2 min., km^2	8000 km^2 aerial; 260 km^2 ground	Ground counts; RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0127 (cont'd)		# lairs/time	min./lair	43 sites	SIS; Searched for by trained Labrador bitch	NA	NA	Discussion	3:7	
		species	common name; scientific name	A	Ground counts; RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NA	NA	
		standard length	cm	113	Collected specimens; tape measure	NA	NA	±0.1 cm	4	Note 2
		maximum girth	cm	113	Collected specimens; measure tape	NA	NA	±0.1 cm	4	Note 2
		blubber thickness-chest	cm	113	NS	NA	NA	NS	2:4	Note 2
		age class	pup, non-pup	A	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km Ground counts	NA	NA	NS	4	
		# cementum annuli-canines	annuli/tooth/seal	113	Jaws collected from shot specimens	NS	Decalcified, sectioned and annuli counted	NS	2:6	
		# annuli-claws	annuli/claw/seal	113	Claws collected from shot specimens	NS	Claw annuli counted	NS	2:6	
		degree of body scarring	description	< 20	Examination of pelt, shot specimens	NA	NA	NS	3:3	Note 2
		sex	male, female	113	Examination of genitalia, shot specimens	NA	NA	NS	4	
		corpus leutum	presence, absence of activity	48	Examination of reproductive tracts, shot adult females	NS	NA	NS	3	
		corpus albicans	recent presence	48	Examination of reproductive tracts, shot adult females	NS	NA	NS	3	
		stomach contents	presence, absence	113	Examination of stomachs, shot specimens	NA	NA	NS	4	Note 2
		stomach contents, volume	ml	26 stomachs	NS	NS	NA	±/ml	3	
		stomach contents, identification	species	26 stomachs	NS	NS	NA	NA	NA	
		blood on lair floor	presence, absence	43 sites, 156 lairs	Examination of lairs found by dog	NA	NA	NS	4	Note 2
		bear digs	presence, absence	43 sites, 156 lairs 23 digs	Examination of lairs found by dog	NA	NA	Discussion	4	Note 2
		fox digs	presence, absence	43 sites, 156 lairs	Examination of lairs found by dog	NA	NA	NS	4	Note 2
		haul-out on ice	presence, absence	A	Shorewatch (ground counts) RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
		attending hole	presence, absence	A	Shorewatch (ground counts) RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
		attending crack	presence, absence	A	Shorewatch (ground counts) RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
		moulting	presence, absence	A	Examination of pelts, shot specimens	NS	NA	NS	3:3	
		distance to nearest lair	m	43 sites, 156 lairs	Trumeter measuring wheel; plane table	NA	NA	Two methods used as a check	4	Note 2
		lair height	cm	156 lairs	NS	NA	NA	NS	2:5	Note 2
		lair dimensions	cm	156 lairs	NS	NA	NA	NS	2:5	Note 2
	BS	# observed/aerial transect line	seals/2 min.	8000 km^2	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	2:7	
		#/group	seals/group	2 groups	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	2:7	
		species	common name	5	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km Examination of shot specimen	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0127 (cont'd)		standard length	cm	1	Tape	NA	NA	±1.0 cm	4	
		maximum girth	cm	1	Tape	NA	NA	±1.0 cm	4	
		blubber thickness-chest	cm	1	NS	NA	NA	NS	2:4	
		# cementum annuli-canines	annuli/tooth/seal	1	Jaw collected from shot specimen	NS	Decalcified, sectioned and annuli counted	NS	2:6	
		sex	male, female	1	Examination of shot specimen	NS	NA	NS	4	
		stomach contents	presence, absence	1	Examination of stomach, shot specimen	NS	NA	NS	4	
		haul-out on ice	presence, absence	4	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
	WA	# observed/location	walrus/general	8000 km^2	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	2:7	
		#/group	walrus/group	3 groups	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
		species	common name	14	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	14	RAS; Cessna 337; 91 m; 209 km/h; 1.6 km	NA	NA	NS	4	
75-0129	RS	# killed/location	seals/geographic location	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
75-0130	RS	# killed/location	seals/geographic location	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name; scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
75-0131	RS	# observed/aerial transect line	seals/segment	31 lines	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		#/distance from aircraft	on or off transect	96	NS	NA	NA	NS	2:all	
		species	common name; scientific name	96	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NA	NA	
	BS	# observed/aerial transect line	seals/segment	31 lines	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		#/distance from aircraft	on or off transect	14	NS	NA	NA	NS	2:all	
		species	common name; scientific name	14	SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NA	NA	
	UP	# observed/aerial transect line	seals/segment	31 lines; 58 seals	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		# unattended holes/aerial transect line	holes/segment	31 lines; 908 holes	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		#/distance from aircraft	on or off transect	58	NS	NA	NA	NS	2:all	
	WA	# observed/aerial transect line	walrus/segment	31 lines	SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		#/distance from aircraft	on or off transect	10	NS	NA	NA	NS	2:all	
		species	common name; scientific name	10	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
75-0131 (cont'd)	HA	# observed/serial transect line	seals/segment	31 lines	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NS	2:3 3:8	
		#/distance from aircraft	on or off transect	3	NS	NA	NA	NS	2:all	
		species	common name; scientific name	3	RAS and SAS; Twin Otter; 91 m; 222 km/h; 1.6 km	NA	NA	NA	NA	
75-0144	BS	species	common name; scientific name	4	Field examination of harvested animal	NA	NA	NA	NA	
		standard length	cm	4	Tape measure	NA	NA	±0.5 cm	4	
		maximum girth	cm	4	Tape measure	NA	NA	±0.5 cm	4	
		blubber thickness	mm at chest	4	Tape measure, knife	NA	NA	NS	3:5	
		# claw annuli	annuli/claw/seal	4	Removal and examination of foreflipper claws	NA	NA	Proportion of claws (13 of 21) from same flipper which yielded different age estimate	3:7	
		sex	male, female	4	Examination of genitalia	NA	NA	NS	4	
		bacule length	mm	NS	Boiled, measured with NS	NS	NS	±1.0 mm	2:3	
		corpus leuteum	presence, absence	NS	Examination of reproductive tract	NA	NA	NS	4	
		corpus albicans	presence, absence	NS	Examination of reproductive tract	NA	NA	NS	4	
		corpus leuteum diameter (max.)	NS	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		corpus albicans diameter (max.)	NS	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		follicular activity	# follicles > 5 mm	NS	Dissecting scope; ovaries sectioned	10% Formalin	Magnifying Lamp	NS	2	
		stomach contents, weight	g (wet weight)	4	Contents removed and fixed	10% Formalin	NS	NS	2:3	Note 2
		stomach contents, volume	ml	4	Contents removed and fixed	10% Formalin	NS	NS	3:4	Note 2
		stomach contents, identification	broad taxonomic groups	4	Contents removed and fixed	10% Formalin	NS	NS	NA	Note 2
75-0147	RS	species	common name; scientific name	12	Examination of harvested specimen	NA	NA	NA	NA	
		# cementum annuli, canines	annuli/tooth/seal	12	Teeth embedded in Ward's Bioplastic	NS	Sectioned to 100 μ on dental research saw; dissecting scope and transmitted light to read	NS	2:3	
75-0148	RS	# observed/location	seals/general	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 15-60 x Bausche & Lomb telescope, 24 h watch	NA	NA	±1' Lat. & 1' Long.	4	
		#/group	seals/group	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 15-60 x Bausche & Lomb telescope, 24 h watch	NA	NA	NS	3:7	
		# killed/location	seals/general	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 15-60 x Bausche & Lomb telescope, 24 h watch	NA	NA	±1' Lat.& 1' Long.	4	
		species	common name; scientific name	A	Shorewatch; 234 m tower; 10x50 Bushnell binoculars; 15-60 x Bausche & Lomb telescope, 24 h watch	NA	NA	NA	NA	
76-0064	RS	# observed/location	seals/specific	373 hrs.	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	Visibility to 5 miles of site	2:3,6 3:7	Note 14

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-006A (cont'd)		#/group	seals/group	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	2	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NA	NA	
	BS	# observed/location	seals/specific	373 hrs.	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	Visibility to 5 miles of site	2:3,6 3:7	Note 14
		#/group	seals/group	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	168	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NA	NA	
		heading	compass point	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:1	
	WA	# observed/location	walrus/specific	373 hrs.	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	Visibility to 5 miles of site	2:3,6 3:7	Note 14
		#/group	walrus/group	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	86 walrus	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NA	NA	
		heading	compass point	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:1	
		haul-out on ice	presence, absence	2	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	4	
	HA	# observed/location	seals/specific	373 hrs.	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	Visibility to 5 miles of site	2:3,6 3:7	Note 14
		#/group	seals/group	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	15,983 seals	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NA	NA	
		markings	description	A	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	3:5	
		age class	"bedlamers"	NS	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:all	
		position in water	description	NS	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	4	
		surface time	minutes	NS	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	±5 mins.	2:4 3:5	
		dive time	minutes	NS	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	±5 mins.	2:4 3:5	
	HD	# observed/location	seals/specific	373 hrs.	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	Visibility to 5 miles of site	2:3,6 3:7	Note 14

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0064 (cont'd)		#/group	seals/group	1 group	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	1 seal	Shorewatch; 300 m cliff; 24 h/day, 7x35 binoculars and telescope (15, 40, 60)	NA	NA	NA	NA	
76-0065	UP	# observed/location	seals/NS	NS	Shorewatch	NA	NA	NS	2:all	Note 14
76-0066	RS	# observed/location	seals/general	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Note 14
		# observed/aerial transect line	seals/NS	18 lines	SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:6,7 3:8	
		#/group	seals/group	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,4,6 3:7	
		species	common name	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	
	BS	# observed/location	seals/general	1	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	
		species	common name	1	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	
	HA	# observed/location	seals/general	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	
		# observed/aerial transect line	seals/NS	18 lines	SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:6,7 3:8	
		#/group	seals/group	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Note 13
		#/distance from aircraft	on or off transect	A	SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	2:3,4,6 3:7	
		species	common name	NS	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Alouette II; 65-350 m; 130-160 km/h; 0.8 km SAS; Alouette II; 91-152 m; 130-160 km/h; 0.8 km	NA	NA	NS	4	
76-0104	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0107	RS	# lairs/time	min./lair	12 sites, 2400 km travelled	RIS; Travel over ice by snow machine; lairs searched using trained Labrador retriever bitch	NA	NA	NS	3;7	
		species	common name	A	NS	NA	NA	NA	NA	
		blood on lair floor	presence, absence	A	Examination of lairs found by dog	NA	NA	NS	4	
		bear digs	presence, absence	87	Examination of lairs found by dog	NA	NA	NS	4	
		fox digs	presence, absence	87	Examination of lairs found by dog	NA	NA	NS	4	
		distance to nearest lair	m	A	Trumeter measuring wheel; plane table	NA	NA	Precision; two methods compared	4	
		lair height	cm	207 lairs	Examination of lairs found by dog; NS	NA	NA	NS	2;5	
		lair dimensions	cm	207 lairs	Examination of lairs found by dog; NS	NA	NA	NS	2;5	
76-0111	RS	# observed/location	seals/general	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion (sightability)	3;7	Note 4
		# observed/aerial transect line	seals/2 min. interval	189 lines	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Corrections for observer variability	4	Note 4
		#/group	seals/group	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3;7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2;3	
		species	common name	1,274	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NA	NA	
		age class	young of year	2	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	2;all	
		haul-out on ice	presence, absence	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
		attending hole	presence, absence	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
		diving during fly-by	presence, absence	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	3;7	Note 4
		# observed/aerial transect line	seals/2 min. interval	189 lines	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	2;3 4;8	Note 4
		#/group	seals/group	73 groups	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3;7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2;3	
		species	common name	74	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NA	NA	
		age class	young	1	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	2;all	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0111 (cont'd)		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
	WA	# observed/location	walrus/general	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	3:7	Note 4
		# observed/aerial transect line	walrus/2 min. interval	189 lines	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	2:3 4:8	Note 4
		#/group	walrus/group	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3:7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	718	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NA	NA	
		age class	neonates	4	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
		haul-out on land	presence, absence	2 locations	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
	HA	# observed/location	seals/general	NS	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	3:7	Note 4
		# observed/aerial transect line	seals/2 min. interval	189 lines	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	2:3 4:8	Note 4
		#/group	seals/group, herd	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3:7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	9,200	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NA	NA	Note 2
		heading	compass point	1 group	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3:7	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-60 m; 160 km/h; 400 m SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
	HD	# observed/aerial transect	seals/2 min. interval	189 lines	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	Discussion	2:3 4:8	Note 4
		#/group	seals/group	2 groups	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	3:7	Note 13
		#/distance from aircraft	on or off transect	4	NS	NA	NA	NS	2:3	
		species	common name	4	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NA	NA	
		haul-out on ice	presence, absence	4	SAS; Twin Otter; 50-60 m; 160 km/h; 400 m	NA	NA	NS	4	
76-0112	RS	# observed/location	seals/general	74	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seals/segment	93 lines	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discussion of limitations	3:7	
		# unattended holes/aerial transect line	holes/segment	93 lines	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discusson of limitations	3:7	
		#/distance from aircraft	on or off transect	361	marked struts	NA	NA	Strut marks reaffirmed at start of each survey	3:7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0112 (cont'd)		species	common name; scientific name	361	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
	BS	# observed/location	seals/general	7	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seals/segment	93 lines	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discussion of limitations (technique, weather)	3;7	
		#/group	seals/group	1	SAS; Twin Otter; 91 m; NS 1.6 km	NA	NA	NS	3;7	
		#/distance from aircraft	on or off transect	15	Marked struts	NA	NA	Strut marks reaffirmed at start of each survey	3;7	
		species	common name; scientific name	15	SAS; Twin Otter; 91 m; NS 1.6 km	NA	NA	NA	NA	
		age class	adult, young	2	SAS; Twin Otter; 91 m; NS 1.6 km	NA	NA	NS	2;all	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 91 m; NS 1.6 km	NA	NA	NS	4	
	UP	# observed/location	seals/general	48	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		# unattended holes/location	holes/general	45	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discussion of limitations (technique, weather)	3;7	
	WA	# observed/location	walrus/general	235	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	walrus/segment	93 lines	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discussion of limitations (technique, weather)	3;7	
		#/distance from aircraft	on or off transect	278	Marked struts	NA	NA	Strut marks reaffirmed at start of each survey	3;7	
		species	common name; scientific name	278	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		haul-out on land	presence, absence	60	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	(Number est. only)	4	
	HA	# observed/location	seals/general	557	RAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seals/segment	93 lines	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	Discussion of limitations (technique, weather)	3;7	
		#/distance from aircraft	on or off transect	1,127	Marked struts	NA	NA	Strut marks reaffirmed at start of each survey	3;7	
		species	common name; scientific name	1,127	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NA	NA	
		attending hole	presence, absence	1	SAS; Twin Otter; 91 m; NS; 1.6 km	NA	NA	NS	4	
76-0113	RS	# observed/location	seals/general	approx. 7300 linear km, 195 hrs.	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	General discussion	3;7	
		# observed/aerial transect line	seals/2 min. interval	16 lines	SAS; Twin Otter; 150 m; 200 km/m; 1.6 km	NA	NA	General discussion	2;3 3;8	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0113 (cont'd)		#/group	seals/group	A	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/m; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	2:3	
		species	common name; scientific name	1,287	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/m; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NA	NA	
		heading	compass points	NS	Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	3:7	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS	NA	NA	NS	4	
	BS	# observed/location	seals/general	approx. 7300 linear km, 195 hrs.	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	General discussion	3:7	
		# observed/aerial transect line	seals/2 min. interval	16 lines	SAS; Twin Otter; 150 m; 200 km/m; 1.6 km	NA	NA	General discussion	2:3 3:7	
		#/group	seals/group	20 groups	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/m; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	2:3	Note 2
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	57	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/m; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NA	NA	
		heading	compass points	7 groups	Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	3:7	
	WA	# observed/location	walrus/general	approx. 7300 linear km	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS	NA	NA	NS	3:7	Note 2
		species	common name	1	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS	NA	NA	NA	NA	
	HA	# observed/location	seals/general	approx. 7300 linear km, 195 hrs.	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	3:7	Note 2

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0113 (cont'd)		# observed/aerial transect line	seals/2 min. interval	16 lines	SAS; Twin Otter; 150 m; 200 km/h; 1.6 km	NA	NA	General discussion	2:3	
		#/group	seals/group	A	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/h; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	Sizes of large groups estimated	3:8 2:3	Note 2
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3	
		species	common name	1,301	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/h; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NA	NA	
		heading	compass points	for 214 seals	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS SAS; Twin Otter; 150 m; 200 km/h; 1.6 km Shore watch; 70 m; 7x35 binoculars; 20 power spotting scope; rotating observers	NA	NA	NS	3:7	
		distance between individuals	description, relative	NS	RAS; Twin Otter; 60-600 m; 150-240 km/h; NS	NA	NA	NS	3:6	
76-0124	RS	species	common name; scientific name	11	Examination of harvested or collected specimen	NA	NA	NA	NA	
		# cementum annuli, canines	annuli/tooth/seal	11	Teeth embedded in Ward's Bioplastic	NS	Sectioned to 100 μ on dental research saw; dissecting microscope and transmitted light to read	NS	2:3	
	BS	species	common name; scientific name	2	Examination of harvested or collected specimens	NA	NA	NA	NA	
		# cementum annuli, canines	annuli/tooth/seal	2	Teeth embedded in Ward's Bioplastic	NS	Sectioned to 100 μ on dental research saw; dissecting microscope and transmitted light to read	Precision: teeth and claw annuli counts can be compared	3	
		# claw annuli	annuli/claw/seal	2	Examination of foreflipper claws	NS	NS	Precision: teeth and claw annuli counts can be compared	3	
76-0125	RS	# killed/location	seals/geographic location	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
76-0126	RS	# observed/location	seals/general	A	Shore watch; 234 m tower; 10x50 Bushnell binoculars; 15-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	±1' Lat. & 1' Long.	4	
		#/group	seals/group	A	Shore watch; 234 m tower; 10x50 Bushnell binoculars; 15-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NS	3:7	
		# killed/location	seals/general	A	Shore watch; 234 m tower; 10x50 Bushnell binoculars; 15-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	±1' Lat. & 1' Long.	4	
		species	common name; scientific name	A	Shore watch; 234 m tower; 10x50 Bushnell binoculars; 15-60x Bausch & Lomb zoom telescope; 24 h watch	NA	NA	NA	NA	
76-0127	RS	# killed/location	seals/general	A	RIS; helcopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	common name	A	RIS; helcopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS	NA	NA	NS	4	
		species	scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS	NA	NA	NA	NA	
77-0015	RS	# observed/location	seals/1' Lat. & 1' Long.	19.8 km; 19 seals	RVS; Zodiac; NS; NS; NS Shore watch; transect walked intertidal; Three specific areas scanned >5 mins. using 20x telescope	NA	NA	±1' Lat. & Long.	2:3 3:7	
		# observed/vessel transect line	seals/segment	20	RVS; Zodiac; NS; NS; NS Shore watch; transect walked intertidal; Three specific areas scanned >5 mins. using 20x telescope	NA	NA	NS	2:6 3:8	
		species	common name; scientific name	39	RVS; Zodiac; NS; NS; NS Shore watch; transect walked intertidal; Three specific areas scanned >5 mins. using 20x telescope	NA	NA	NA	NA	
	BS	# observed/location	seals/1' Lat. & 1' Long.	12 seals; 19.8 km	RVS; Zodiac; NS; NS; NS Shore watch; transect walked intertidal; Three specific areas scanned >5 mins. using 20x telescope	NA	NA	±1' Lat. & Long.	2:3 3:7	
		# observed/vessel transect line	seals/segment	3	RVS; Zodiac; NS; NS; NS	NA	NA	NS	2:6 3:8	
		#/group	seal/group	> 15 groups	RVS; Zodiac; NS; NS; NS Shore watch	NA	NA	NS	2:3 3:7	
		species	common name; scientific name	26	RVS; Zodiac; NS; NS; NS Shore watch	NA	NA	NA	NA	Note 13

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
77-0015 (cont'd)		haul-out on ice	presence, absence	> 8	RVS; Zodiac; NS; NS; NS Shore watch; transect walked intertidal; Three specific areas scanned >5 mins. using 20x telescope	NA	NA	NS	4	
	UP	# observed/location	seals/1' Lat. & 1' Long.	19 seals; 19.8 km	RVS; Zodiac: NS; NS; NS Shore watch; transects walked intertidal; Three specific areas scanned ≥5 mins. using 20x telescope	NA	NA	±1' Lat. & Long.	2;3 3;7	
	HA	# observed/location	seals/1' Lat. & 1' Long.	1 seal; 19.8 km	Shore watch	NA	NA	±1' Lat. & Long.	2;3,6 3;7	
		species	common name; scientific name	1	Shore watch	NA	NA	NA	NA	
77-0016	RS	# observed/location	seals/general	approx. 786 linear km	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	Discussion of results as indices, and limitations of method	3;7	
		#/group	seals/group	A	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NS		
		#/distance from aircraft	on or off transect	A	NA	NA	NA	NS	2;3	
		species	common name; scientific name	> 280	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NA	NA	
	BS	# observed/location	seals/general	approx. 786 linear km	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	Discussion of results as indices, and limitations of method	3;7	
		#/group	seals/group	A	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NS	3;7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2;3	
		species	common name; scientific name	> 23	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NA	NA	
		age class	young, adult	1	Shore watch; NS; NS; NS	NA	NA	NS	2;all	
		haul-out on ice	presence, absence	A	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NS	4	
	UP	# observed/location	seals/general	approx. 786 linear km	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	Discussion of results as indices, and limitations of method	3;7	
		#/group	seals/group	A	RAS; Hughes 500; 100 m; 175-200 km/h; 1.6 km Shore watch; NS; NS; NS	NA	NA	NS	3;7	
77-0108	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
77-0113	RS	# observed/location	seal/time period	7 flights	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7	Notes 4,15,16
		#/group	seal/group	A	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	3:7	
		#/photograph	seal/frame	NS	RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	Some sightings as permanent record on photographs	2	
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NS	4	
	BS	# observed/location	seal/time period	7 flights	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7	Notes 4,15,16
		#/group	seal/group	A	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	3:7	
		#/photograph	seal/frame	NS	RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	Some sightings as permanent record on photographs	2	
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NS	4	
	WA	# observed/location	walrus/time period	7 flights	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7	Notes 4,15,16
		#/group	walrus/group	A	RAS; Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	3:7	
		#/photograph	walrus/frame	NS	RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	Some sightings as permanent record on photographs	2	
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 800 m, and RAS; Senior Telemaster model airplane; 150-350 m; NS; Olympus OMI, 24 mm and 55 mm lens; Ektachrome 200	Photographs	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
77-0116	RS	# killed/location	seals/geographic name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3;4	Notes 6, 26
		species	scientific name	A	RAS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
77-0122	WA	# observed/location	walrus/map location	2 surveys	RAS; Twin Otter and Cessna 337; 150-300 m; 220 km/h; NS	NA	NA	Aircraft and photographic counts compared (error 3-19%)	2;1 4	
		#/group	walrus/group	A	RAS; Twin Otter and Cessna 337; 150-300 m; 220 km/h; NS	NA	NA	NS	3;7	Note 13
		#/photograph	walrus/frame	NS	Medium format camera (70 mm)	Photographs	NS	NS	2;3 3;8	
		species	common name; scientific name	> 206	RAS; Twin Otter and Cessna 337; 150-300 m; 220 km/h; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter and Cessna 337; 150-300 m; 220 km/h; NS	NA	NA	NS	4	
		haul-out on land	presence, absence	A	RAS; Twin Otter and Cessna 337; 150-300 m; 220 km/h; NS	NA	NA	NS	4	
	BS	# observed/location	seal/general	2 surveys	RAS; Twin Otter; 150-300 m; 220 km/h; NS	NA	NA	NS	3;7	
		species	common name; scientific name	1	RAS; Twin Otter; 150-300 m; 220 km/h; NS	NA	NA	NA	NA	
77-0124	RS	# killed/location	seals/general	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3;4	Notes 6, 26
		species	common name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
77-0125	RS	# observed/location	seals/1' Lat. & 1' Long.	31.7 km^2	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	Observation times inconsistent due to inclement weather, records of weather conditions maintained	3	
		# killed/location	seals/1' Lat. & 1' Long.	1	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	3	
		#/photograph	seals/frame	31.7 km^2	6x6 cm format cameras, 40 mm & 100 mm lenses; vertical photos through port in Cessna 337; altitudes 900 m, 2200 m; black & white Kodak Tri-x film ASA 400, Ektachrome 200 colour; frame coverage 3.1 km^2, 1.26 km^2, 0.5 km^2	Photographs	NS	Sightings exist as permanent record on photographs	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
77-0125 (cont'd)		# holes/photograph	holes/frame	31.7 km^2	6x6 cm format cameras, 40 mm & 100 mm lenses; vertical photos through port in Cessna 337; altitudes 900 m, 2200 m; black & white Kodak Tri-x film ASA 400, Ektachrome 200 colour; frame coverage 3.1 km^2, 1.26 km^2, 0.5 km^2	Photographs	NS	Sightings exist as permanent record on photographs	4	
		species	common name; scientific name	A	Shore watch & photographs	NA	NA	NA	NA	
		age class	adult, pup	NS	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	2:all	
		haul-out on ice	presence, absence	A	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	4	
		diving during approach by person	presence, absence	A	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	4	
		orientation relative to sun	broadside, facing into, facing away	15 seals per watch	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	±45°	3;7	
		duration of haul-out bout	h	A	Shore watch; 90 m ASL; 2 observers; 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	±0.1 h	4	
		distance of hole from shore	m	A	6x6 cm format cameras, 40 mm & 100 mm lenses; photos through port in Cessna 337; altitudes 900 m, 2200 m; black & white Kodak Tri-x film ASA 400, Ektachrome 200 colour; frame coverage 3.1 km^2, 1.26 km^2, 0.5 km^2	Photographs	NA	Information exists as permanent record	4	
		distance between holes	m	A	6x6 cm format cameras, 40 mm & 100 mm lenses; vertical photos through port in Cessna 337; altitudes 900 m, 2200 m; black & white Kodak Tri-x film ASA 400, Ektachrome 200 colour; frame coverage 3.1 km^2, 1.26 km^2, 0.5 km^2	Photographs	NA	Information exists as permanent record	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
77-0125 (cont'd)	BS	# observed/location	seals/1' Lat. & 1' Long.	NS	Shore watch; 90 m ASL; 2 observers, 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NS	2:6	
		species	common name	NS	Shore watch; 90 m ASL; 2 observers, 20-45x zoom telescope; 48-56 h continuous watches; observers rotated every 6 h	NA	NA	NA	NA	
78-0102	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
78-0106	WA	# observed/location	walrus/Lat. & Long.	2 flights	RAS; Twin Otter; 100-200 m; 200-220 km/h; NS	NA	NA	NS	3:7	
		#/group	walrus/group	A	RAS; Twin Otter; 100-200 m; 200-220 km/h; NS	NA	NA	NS	3:7	
		species	common name	11-20	RAS; Twin Otter; 100-200 m; 200-220 km/h; NS	NA	NA	NA	NA	
78-0107	RS	# killed/location	seals/geographic name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3:4	Notes 6,26
		species	scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
78-0108	RS	# observed/location	seals/specific location, 2 min. interval	35 flights	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS	NA	NA	Reconn. transect counts corrected for observer variability due to seat position; sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used	4	
		# observed/aerial transect line	seals/2 min. interval	33 lines	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA		4	
		#/group	seals/group	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Third observer present on most flights	3:7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	NS	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
78-0108 (cont'd)		diving during fly-by	presence, absence	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	4	
	BS	# observed/location	seals/specific location, 2 min. interval	35 flights 140.4 h	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS Shore watch; NS; NS; NS	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most flights	4	
		# observed/aerial transect line	seals/2 min. interval	33 lines	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most flights	4	
		#/group	seals/group	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km Shore watch; NS; NS; NS	NA	NA	NS	3;7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2;3,6 3;7	
		species	common name; scientific name	NS	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km Shore watch; NS; NS; NS	NA	NA	NA	NA	
	WA	# observed/location	walrus/specific location, 2 min. interval	35 flights 140.4 h	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS Shore watch; NS; NS; NS	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most surveys; limitations and biases of method described	4	
		# observed/aerial transect line	walrus/2 min. interval	33 lines	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km Shore watch; NS; NS; NS	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most surveys; limitations and biases of method described	4	
		#/group	walrus/group	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3;7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2;3,6 3;7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
78-0108 (cont'd)		species	common name; scientific name	NS 6	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS Shore watch; NS; NS; NS	NA	NA	NA	NA	
		heading	compass points	6	Shore watch; NS; NS; NS	NA	NA	NS	2:3,4 3:7	
	HA	# observed/location	seals/specific location, 2 min. interval	35 flights	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most surveys; limitations and biases of method described	4	
		# observed/aerial transect line	seals/2 min. interval	33 lines	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most surveys; limitations and biases of method described	4	
		#/group	seals/group	A	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3:7	
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	1,400	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	Note 2
		heading	compass points	NS	RAS; Twin Otter; 100-200 m; 185-240 km/h; NS SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	2:3,4 3:7	
	HD	# observed/aerial transect line	seals/2 min. interval	33 lines	SAS; Twin Otter; 100-200 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Sighting positioning accurate to 6.2-8.0 km when 2 min. interval system used; Third observer present on most surveys; limitations and biases of method described	4	
		#/group	seals/group	1	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3:7	
		species	common name; scientific name	1	SAS; Twin Otter; 50-300 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0067	RS	# observed/location	seals/2 min. interval	approx. 1300 km^2	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys; correction for seat position and observer variability were applied for this species; discussion of limitations and biases provided	4	
		# observed/aerial transect line	seals/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA		4	
		# unattended holes/aerial transect line	holes/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys; correction for seat position and observer variability were applied for this species; discussion of limitations and biases provided	4	
		#/group	seals/group	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	3;7	Note 13
		species	common name; scientific name	NS	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	4	
	BS	# observed/location	seals/2 min. interval	approx. 1300 km^2	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys; correction for seat position and observer variability were applied for this species; discussion of limitations and biases provided	3	
		# observed/aerial transect line	seals/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA		3	
		#/group	seals/group	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	3;7	Note 13
		species	common name; scientific name	approx. 30	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NA	NA	
		age class	adult, young	3	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	2;all	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0067 (cont'd)		sex	male, female	3	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	2;all	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	4	
	WA	# observed/location	walrus/2 min. interval	approx. 1300 km^2	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys; correction for seat position and observer variability were applied for this species; discussion of limitations and biases provided	3	
		# observed/aerial transect line	walrus/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA		3	
		#/group	walrus/group	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	3;7	Note 13
		species	common name; scientific name	approx. 850	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NA	NA	
		heading	compass point	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	2;3,4 3;7	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	4	
	HA	# observed/location	seals/2 min. interval	approx. 1300 km^2	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys; correction for seat position and observer variability were applied for this species; discussion of limitations and biases provided	4	
		# observed/aerial transect line	seals/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA		4	
		#/group	seals/group	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	3;7	Note 13
		species	common name; scientific name	54	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NA	NA	
		heading	compass point	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	2;3,4 3;7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0067 (cont'd)	HD	# observed/location	seals/2 min. interval	approx. 1300 km^2	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Third observer present on most surveys	4	
		# observed/aerial transect line	seals/2 min. interval	26 lines	SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	Discussion of limitations and biases provided	4	
		#/group	seals/group	1	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	3;7	Note 13
		species	common name; scientific name	1	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NA	NA	
		heading	compass point	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	2;3,4 3;7	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km SAS; Twin Otter; 50-90 m; 185-240 km/h; 0.4-0.8 km	NA	NA	NS	4	
79-0104	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
79-0106	RS	# observed/location	seals/general	NA	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NS	2;3,4,6 3;7	
		species	common name	25	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NA	NA	
	BS	# observed/location	seals/general	NA	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NS	2;3,4,6 3;7	
		species	common name	7	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NA	NA	
	UP	# observed/location	seals/general	1	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NS	2;3,4,6 3;7	
		# unattended holes/location	holes/general; lat. & long.	NS	RVS; Class 4 Icebreaker; NA; NS; NS	NA; photographs	NA	NS	2;3,4,6 3;7	
		# dead/location	seal/general	3	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NS	2;2	
	HA	# observed/location	seals/general	NA	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NS	2;3,4,6 3;7	
		species	common name	18	RVS; Class 4 Icebreaker; NA; NS; NS	NA	NA	NA	NA	
79-0109	RS	# observed/location	seals/specific	316.5 h	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2;3,6 3;7	
		species	common name; scientific name	2	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0109 (cont'd)	BS	# observed/location	seals/specific	316.5 h	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		# observed/time	seals/time period	NS	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	29	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NA	NA	
		heading	E or W	NS	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:1	
	WA	# observed/location	walrus/specific	316.5 h	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		# observed/time	walrus/time period	NS	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		#/group	walrus/group	NS, 1 group	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	58	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NA	NA	
		age class	description, "young"	1	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:all	
		sex	male, female	2	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:all	
		heading	E or W	A	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:1	
		haul-out on ice	presence, absence	11 walrus	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope weather permitting	NA	NA	NS	4	
	HA	# observed/location	seals/specific	316.5 h	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		# observed/time	seals/time period	NS	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:3,6 3:7	
		#/group	seals/group	NS	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope weather permitting	NA	NA	NS	2:3,6 3:7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0109 (cont'd)		species	common name; scientific name	5,167 seals	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope weather permitting	NA	NA	NA	NA	
		markings	description	A	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	3:5	
		age class	juvenile, other	1	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:all	
		heading	E or W	A	Shore watch; 300 m cliff; 24 h/day with 7x35 binoculars and telescope, weather permitting	NA	NA	NS	2:1	
79-0110	RS	# observed/location	seals/general	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seals/2 min. interval	21 lines	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	Limitations and biases of method described	4	
		#/group	seals/group	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name; scientific name	127	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seals/2 min. interval	21 lines	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	Limitations and biases of method described	4	
		#/group	seals/group	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name; scientific name	78	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	walrus/2 min. interval	21 lines	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	Limitations and biases of method described	4	
		#/group	walrus/group	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name; scientific name	approx. 100	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0110 (cont'd)		heading	compass point	A	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	2:3,4 3:7	
		haul-out on land	presence, absence	A	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km	NA	NA	NS	4	
	HA	# observed/location	seal/general	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km	NA	NA	NS	4	
		# observed/aerial transect line	seal/2 min. interval	21 lines	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	Limitations and biases of method described	4	
		#/group	seal	NS	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name; scientific name	approx. 2,000	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NA	NA	
		heading	compass point	A	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	2:3,4 3:7	
		assoc. with whales	presence, absence	A	RAS; Twin Otter; 90-150 m; 220-240 km/h; 0.8-1.6 km SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NS	4	
	HD	# observed/aerial transect line	seals/2 min. interval	21 lines	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	Limitations and biases of method described	4	
		species	common name; scientific name	13	SAS; Twin Otter; 45-90 m; 220-240 km/h; 0.8 km	NA	NA	NA	NA	
79-0111	BS	# observed/location	seals/2 min. interval	NS	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Limitations and biases of method described	4	
		#/group	seals/group	A	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3:7	Note 13
		species	common name; scientific name		RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	
	WA	# observed/location	walrus/2 min. interval	NS	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Limitations and biases of method described	4	
		#/group	walrus/group	A	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3:7	Note 13
		species	common name; scientific name	305	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	
	HA	# observed/location	seals/2 min. interval	NS	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Limitations and biases of method described	4	
		# observed/aerial transect line	seals/2 min. interval	37 lines	SAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	Limitations and biases of method described	4	
		#/group	seals/group	A	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km SAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NS	3:7	Note 13
		species	common name; scientific name	1,657	RAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km SAS; Twin Otter; 50-150 m; 185-240 km/h; 0.4-1.6 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
79-0122	RS	# killed/location	seals/geographic name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA (Note 16)	3;4	Notes 6, 26
		species	scientific name	A	RIS; helicopters; 15-50 m; 120-180 km/h; NS Examination of seals killed by polar bears	NA	NA	NA	NA	
80-0024	RS	# observed/aerial transect line	seals/2 min.	49 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared; clumping examined	4	
		# unattended holes/aerial transect line	holes/2 min.	49 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		#/group	seals/group	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/aerial transect line	seals/2 min.	49 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared	4	
		#/group	seals/group	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
80-0095	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
80-0097	RS	# observed/aerial transect line	seals/2 min. interval	8 lines, 924 km^2	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	Limitations of method described	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
80-0097 (cont'd)		# unattended holes/ aerial transect line	holes/2 min. interval	8 lines, 924 km^2	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	Limitations of method described	4	
		#/group	seals/group	A	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NS	3:7	Note 13
		#/distance from aircraft	on or off transect	A	NS	NA	NA	NS	2:3,6 3:7	
		species	common name; scientific name	655	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	655	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NS	4	
		attending hole	presence, absence	A	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NS	4	
		attending crack	presence, absence	A	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	RAS; Twin Otter; 100 m; 240 km/h; 1.0 km	NA	NA	NS	4	
80-0103	RS	# observed/location	seals/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS		
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	4	
	BS	# observed/location	seals/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS		
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	4	
	WA	# observed/location	walrus/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	2:1,4,6 3:7 3:7	Notes 4,16
		#/group	walrus/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS		
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 800 m	NA	NA	NS	4	
80-0108	RS	# observed/location	seals/°Lat. & °Long.	NS	RIS; over-ice travel by snowmobile	NA	NA	±1' Lat. & 1' Long.	3:7	
		# unattended holes/ location	holes/°Lat. & °Long.	NS	RIS; over-ice travel by snowmobile	NA	NA	±1' Lat. & 1' Long.	3:7	
		# lairs/time	min./lair	6.3 hours	Search by trained Labrador retriever bitch	NA	NA	NS	4	
		species	common name; specific name	A	Visual examination	NA	NA	NA	NA	
		breeding odour	presence, absence	A	Field examination	NA	NA	NS	4	
		placental remains	presence, absence	in 2 of 7 lairs	Visual examination of lair	NA	NA	NS	4	
		blood on lair floor	presence, absence	A	Visual examination of lair	NA	NA	NS	4	
		bear digs	presence, absence	7	Visual examination of lair	NA	NA	NS	4	
		fox digs	presence, absence	at 29.3% of lairs	Visual examination of lair	NA	NA	NS	4	
		attending hole	presence, absence	A	Visual search	NA	NA	NS	4	
		vocalization frequency	Hz	37 min. of recordings; 3 calls recorded	Nagra SN tape recorder; Celesco LC50 hydrophone	Audiotapes	NS	NS	2:all	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
80-0108 (cont'd)		vocalization duration	sec.	37 min. of recordings; 3 calls recorded	Nagra SN tape recorder; Celesco LC50 hydrophone	Audiotapes	NS	NS	2:all	
80-0109	RS	# observed/location	seals/quadrat	NS	Shore watch, 30 m cliff	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch	NA	NA	NS	3:7	Note 13
		species	common name	A	Shore watch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch	NA	NA	NS	NA	
		attending hole	presence, absence	A	Shore watch	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch	NA	NA	NS	4	
	BS	# observed/location	seals/quadrat	NS	Shore watch, 30 m cliff	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch	NA	NA	NS	3:7	Note 13
		species	common name	A	Shore watch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch	NA	NA	NS	NA	
		attending crack	presence, absence	A	Shore watch	NA	NA	NS	4	
80-0111	RS	species	scientific name	15 sites	Analysis of calls; comparison with reference	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Simultaneous recording at different sites and under various weather conditions made to compare detection using the two hydrophone types used in this and previous studies	NA	
		vocalization rate	# calls/min.	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter		4	
		vocalization frequency	Hz	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz	4	
		vocalization duration	sec.	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±0.10 sec.	4	
	BS	species	scientific name	15 sites	Analysis of calls; comparison with reference	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Simultaneous recording at different sites and under various weather conditions made to compare detection using the two hydrophone types used in this and previous studies	NA	
		vocalization rate	# calls/min.	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter		4	
		vocalization frequency	Hz	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz	4	
		vocalization duration	sec.	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±0.10 sec.	4	
		vocalization slope	Hz/sec.	150 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz/0.10 sec.	4	
81-0097	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
81-0097 (cont'd)		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
81-0098	RS	# observed/aerial transect line	seals/2 min.	45 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared	4	
		#/group	seals/group	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km Distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/aerial transect line	seals/2 min.	45 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared	4	
		#/group	seals/group	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km Distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
81-0100	RS	# observed/location	seals/general	13 flights	RAS; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		# observed/aerial transect line	seals/2 min. interval	55 lines, 59 h	SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	2:1 3:8	
		#/group	seals/group	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
81-0100 (cont'd)	BS	# observed/location	seals/general	13 flights	RAS; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		# observed/aerial transect line	seals/2 min. interval	55 lines, 59 h	SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	2:1 3:8	
		#/group	seals/group	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	4	
	WA	# observed/location	walrus/general	13 flights	RAS; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		# observed/aerial transect line	walrus/2 min. interval	55 lines, 59 h	SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	2:1 3:8	
		#/group	walrus/group	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 300 m; 190 km/h; 0.8 km SAS; Bell 206; 300 m; 140 km/h; 0.8 km	NA	NA	NS	4	
81-0109	RS	# observed/location	seals/quadrat	NS	Shore watch; 30 m cliff	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	NS	Shore watch; 30 m cliff	NA	NA	NS	3:7	Note 13
		species	common name	A	Shore watch; 30 m cliff	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
	BS	# observed/location	seals/quadrat	NS	Shore watch; 30 m cliff	NA	NA	NS	3:7	Notes 4,16
		#/group	seals/group	NS	Shore watch; 30 m cliff	NA	NA	NS	3:7	Note 13
		species	common name	A	Shore watch; 30 m cliff	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
		haul-out on land	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch; 30 m cliff	NA	NA	NS	4	
81-0110	RS	# shot & landed/location	seals/hunter/community	2 communities 126 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	2 communities 126 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	WA	# shot & landed/location	seals/hunter/community	2 communities 126 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
81-0111	RS	species	scientific name	34 sites	Analysis of calls; comparison with reference	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Simultaneous recording at different sites and under various weather conditions made to compare detection using the two hydrophone types used in this and previous studies	NA	
		vocalization rate	# calls/min.	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter		4	
		vocalization frequency	Hz	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz	4	
		vocalization duration	sec.	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±0.10 sec.	4	
	BS	species	scientific name	15 sites	Analysis of calls; comparison with reference	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Simultaneous recording at different sites and under various weather conditions made to compare detection using the two hydrophone types used in this and previous studies	NA	
		vocalization rate	# calls/min.	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter		4	
		vocalization frequency	Hz	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz	4	
		vocalization duration	sec.	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±0.10 sec.	4	
		vocalization slope	Hz/sec.	340 min.	RIS; Uher 4000 Report L tape recorder; model 6050C hydrophone (ITC) & LC-50 hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz/0.10 sec.	4	
82-0011	RS	# observed/aerial transect line	seals/2 min.	12 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	Precision: left and right observers compared	4	
		# unattended holes/aerial transect line	seals/2 min.	12 lines	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		#/group	seals/group	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence or absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence or absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence or absence	A	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence or absence	NS	SAS; Cessna 337; 91-152 m; 258 km/h; 0.8 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
82-0092	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
82-0098	RS	# observed/location	seals/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/location	seals/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
	WA	# observed/location	walrus/general	3 flights	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	walrus/group	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter, Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
82-0104	RS	# observed/location	seals/general	NS	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	3:7	Note 4
		species	common name	NS	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NA	NA	
		age class	pups	10	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	2	
		diving during approach by vessel	presence, absence	12	Ice watch	NA	NA	NS	4	
	BS	# observed/location	seals/general	3	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	3:7	Note 4
		species	common name	3	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	3	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	4	
		attending crack	presence, absence	3	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	4	
	WA	# observed/location	walrus/general	1	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	3:7	Note 4
		species	common name	1	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	1	RAS; Bell 206; 300-500 m; NS; NS	NA	NA	NS	4	
		diving during approach by vessel	presence, absence	1	Ice watch	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
82-0115	RS	# observed/aerial transect line	seals/2 min.	12 lines	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	Left and right observers compared; clumping examined; ground truthing conducted	4	
		# unattended holes/ aerial transect line	holes/2 min.	12 lines	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NS	4	
		# unattended holes/ location	holes/NS	NS	Random & independent search by 4 observers in snow machines, to 4 km offshore	NA	NA	Ground truth aerial counts	4	
		#/group	seals/group	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NS	3:7	
		#/distance from aircraft	on or off transect	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km; marked struts; NS	NA	NA	NS	3:7	
		species	common name; scientific name	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Twin Otter; 100 m; 185-278 km/h; 0.5 km	NA	NA	NS	4	
82-0116	RS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days, 16-24 h/day	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	3:7	Note 13
		species	common name	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NA	4	
		pursuit by bear	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	NS	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	2:2,3	
	BS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days, 16-24 h/day	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	3:7	Note 13

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
82-0116 (cont'd)		species	common name	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NA	4	
		haul-out on ice	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch; 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars, 7x35 and 10x35	NA	NA	NS	4	
82-0121	RS	# shot & landed/location	seals/hunter/community	6 communities	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	6 communities	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	HA	# shot & landed/location	seals/hunter/community	6 communities	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
82-0122	RS	# shot & landed/location	seals/hunter/community	2 communities 133 hunters	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	2 communities 133 hunters	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	HA	# shot & landed/location	seals/hunter/community	2 communities 133 hunters	Hunter interview	NA	NA	NS	3;3	Notes 4,16
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
82-0123	RS	species	scientific name	27 sites	RIS; Uher 4000 Report L tape recorder; model 6050C ITC hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Discussion	NA	
		vocalization rate	# calls/min.	540 mins.	RIS; Uher 4000 Report L tape recorder; model 6050C ITC hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	Discussion and analysis # calls /5 min. segment	4	
		vocalization frequency	Hz	540 mins.	RIS; Uher 4000 Report L tape recorder; model 6050C ITC hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±50 Hz	4	
		vocalization duration	sec.	540 mins.	RIS; Uher 4000 Report L tape recorder; model 6050C ITC hydrophone	BASF tapes	Kay Sona-graph 7029A, high shape & 45 cps filter	±0.1 sec.	4	
83-0049	RS	#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	Notes 4,16
		#/photograph	seals/frame	29 lines	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		species	common name	NS	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0049 (cont'd)		coat colour	relative	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		body length	m	NA	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	±0.1 m	NA	
		heading	compass points	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		assoc. with birds	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		assoc. with whales	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
	UP	#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	Notes 4,16
		#/photograph	seals/frame/line	29 lines	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		coat colour	relative	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		body length	m	NA	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	±0.1 m	NA	
		heading	compass points	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0049 (cont'd)		haul/out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		assoc. with birds	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		assoc. with whales	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
	WA	#/group	walrus/group	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	Notes 4,16
		#/photograph	walrus/frame/line	29 lines	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		species	common name	NS	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		tusk	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		haul/out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0049 (cont'd)	HA	#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	Notes 4, 16
		#/photograph	seals/frame/line	29 lines	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		species	common name	NS	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NA	NA	
		coat colour	relative	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		body length	m	NA	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	Precision can be estimated since sightings exist as permanent records on photographs	NA	
		heading	compass points	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; NS, with photographs 4.75x5 inch format	Photographs (positives)	Nikon SMZ-1 dissecting microscope, mounted Richards GFL-940 MC light table	NS	NA	
83-0050	HA	#/group	seals/group	29 lines	RAS and SAS; Twin Otter; 185 km/h; NC using a 10x13 cm format Lindhoff Aero Teknica camera, 90 mm lens	Ektachrome 400 ASA	NA	NA	NA	Notes 4,16
		#/photograph	seals/frame/line	29 lines	RAS and SAS; Twin Otter; 185 km/h; NC using a 10x13 cm format Lindhoff Aero Teknica camera, 90 mm lens	Ektachrome 400 ASA	NA	NA	NA	Note 16
		species	common name	NS	RAS and SAS; Twin Otter; 185 km/h; NC using a 10x13 cm format Lindhoff Aero Teknica camera, 90 mm lens	Ektachrome 400 ASA	NA	NA	NA	Note 16
83-0052	RS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days, 16-24 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3;7	Notes 4,16
		#/group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3;7	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0052 (cont'd)		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		standard length	cm	1	Tape measure	NA	NA	±0.5 cm	4	
		axillary girth	cm	1	Tape measure	NA	NA	±0.5 cm	4	
		blubber thickness	cm	1	Tape measure, knife	NA	NA	±0.5 cm	4	
		# cementum annuli, canines	# annuli/tooth/seal	1	Tooth embedded Ward's bioplastic	NS	Sectioned to 100 µ dental research saw; dissecting microscope	NS		
		sex	male, female	1	Examination of genitalia	NA	NA	NS	4	
		corpus leuteum	presence, absence	1	Examination of reproductive tract	10% Formalin	Magnifying lamp	NS	4	
		corpus albicans	presence, absence	1	Examination of reproductive tract	10% Formalin	Magnifying lamp	NS	4	
		follicular activity	presence, absence	1	Examination of reproductive tract	10% Formalin	Magnifying lamp	NS	4	
		scars on uterine horns	presence, absence	1	Examination of reproductive tract	10% Formalin	Magnifying lamp	NS	4	
		stomach contents	presence, absence	1	Examination of stomach	NA	NA	NS	4	
		internal parasites	presence, absence	1	Examination of lung & gut	NS	NS	NS	4	
		pursuit by bear	presence, absence	A	Shore watch	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
	BS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days, 16-24 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3;7	Notes 4,16
		#/group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3;7	
		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		pursuit by bear	presence, absence	A	Shore watch	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0052 (cont'd)		moulting	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
83-0055	RS	# observed/location	seals/general	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	
		species	common name	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	
		species	common name	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NA	NA	
	WA	# observed/location	walrus/general	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	Notes 4,16
		#/group	walrus/group	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	
		species	common name	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NA	NA	
	HA	# observed/location	seals/general	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	
		species	common name	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NA	NA	
		heading	compass point	A	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	4	
	HD	# observed/location	seals/general	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NS	2:6	Notes 4,16
		species	common name	NS	RAS; Bell 206; 152-305 m; 185 km/h; 0.8 km Ice watch	NA	NA	NA	NA	
83-0064	RS	# observed/location	seals/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
83-0064 (cont'd)		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	4	
	BS	# observed/location	seals/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	4	
	WA	# observed/location	walrus/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:4,6 3:7	Notes 4,16
		#/group	walrus/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	4	
83-0071	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
83-0072	RS	# shot & landed/location	seals/hunter/community	2 commun., 120 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	BS	# shot & landed/location	seals/hunter/community	2 commun., 120 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	HA	# shot & landed/location	seals/hunter/community	2 commun., 120 hunters	Hunter interview	NA	NA	NS	3:3	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
84-0024	RS	# observed/aerial transect line	seals/2 min.	13 lines	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		# unattended holes/aerial transect line	holes/2 min.	13 lines	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		#/group	seals/group	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0024 (cont'd)		#/photograph	seals/frame	13 lines	SAS; Twin Otter; 554 m; 204 km/h; NS Linheuf Aerotechnica camera (4x5), fixed	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		species	common name; scientific name	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
		attending hole	presence, absence	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
		attending crack	presence, absence	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
		diving during fly-by	presence, absence	NS	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
	BS	# observed/aerial transect line	seals/2 min.	13 lines	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		#/group	seals/group	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	4	
		#/photograph	seals/frame	13 lines	SAS; Twin Otter; 554 m; 204 km/h; NS Linheuf Aerotechnica camera (4x5), fixed	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	4	
		species	common name; scientific name	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	Precision can be estimated as sightings occur as a permanent record on film	NA	
		haul-out on ice	presence or absence	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
		attending crack	presence or absence	A	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
		diving during fly-by	presence or absence	NS	SAS; Bell 206B; 108-152 m; 204 km/h; 0.8 km	Photographs, Colour positive	Nikon SMZ-1 dissecting microscope	NS	4	
84-0025	RS	# observed/location	seals/°Lat. & °Long.	NS	RCA low-light level video camera SAS; Twin Otter; 923 m; 185 km/h; NS	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0025 (cont'd)		#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	seals/frame/line	38 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		species	common name	NA	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NA	NA	
		heading	compass points	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and tive 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microsecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
	UP	# observed/location	seals/°Lat. & °Long.	NS	RCA low-light level video camera SAS; Twin Otter; 923 m; 185 km/h; NS	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16
		#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	seals/frame/line	38 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0025 (cont'd)		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
	HA	# observed/location	seals/°Lat. & °Long.	NS	RCA low-light level video camera	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16
		#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	seals/frame/line	38 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		species	common name	NA	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NA	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
84-0026	HA	#/group	seals/group	28 lines	RAS; Bell 206; NS; NS; NS SAS; Twin Otter; 915 m; 222 km/h; NC using Wild RC8 23 m format camera; 152 mm lens	2445 Aerocolour negatives	NA	NA	NA	Notes 4,16
		#/photograph	seals/frame/line	28 lines	RAS; Bell 206; NS; NS; NS SAS; Twin Otter; 915 m; 222 km/h; NC using Wild RC8 23 m format camera; 152 mm lens	2445 Aerocolour negatives	NA	NA	NA	Note 16
		species	common name	NS	RAS; Bell 206; NS; NS; NS SAS; Twin Otter; 915 m; 222 km/h; NC using Wild RC8 23 m format camera; 152 mm lens	2445 Aerocolour negatives	NA	NA	NA	Note 16
84-0027	RS	# observed/location	seals/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/location	seals/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0027 (cont'd)	WA	# observed/location	walrus/general	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	walrus/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
84-0028	RS	# observed/location	NS	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	
		species	common name	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	4	
	BS	# observed/location	NS	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	
		species	common name	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	4	
	HA	# observed/location	NS	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	Note 14
		#/group	seals/group	A	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NS	2:all	
		species	common name	NS	RAS; Twin Otter; 457 m; NS; NS	NA	NA	NA	NA	
84-0031	RS	# observed/location	seals/general; 2 min. interval	NS; 35 lines	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	
		species	common name	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	4	
	BS	# observed/location	seals/general; 2 min. interval	NS; 35 lines	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	
		species	common name	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0031 (cont'd)	WA	# observed/location	walrus/general; 2 min. interval	NS; 35 lines	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	Notes 4,16
		#/group	walrus/group	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	
		species	common name	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NA	NA	
	HA	# observed/location	seals/general; 2 min. interval	NS; 35 lines	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	Notes 4,16
		#/group	seals/group	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	
		species	common name	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NA	NA	
		heading	compass point	A	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	
	HD	# observed/location	seals/general; 2 min. interval	NS; 35 lines	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NS	2:6	Notes 4,16
		species	common name	NS	RAS; Twin Otter; 152 m; 204 km/h; 1.2-1.6 km SAS; Twin Otter; 152 m; 204 km/h; 1.6 km	NA	NA	NA	NA	
84-0040	RS	# observed/location	seals/general	NS	Shore watch RIS (camp)	NA	NA	NS	NA	Note 4
		species	common name; scientific name	NS	Shore watch RIS (camp)	NA	NA	NA	NA	
		stomach contents, weight	g	1?	Collected specimen	NS	NS	NA	NA	Note 16
		stomach contents, identification	species	1?	Collected specimen	NS	NS	NA	NA	Note 16
84-0042	RS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days; 8 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3:7	
		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		pursuit by bear	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
84-0042 (cont'd)		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	NS	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	2:2,3	
	BS	# observed/location	seals/quadrat/2 hours	Watch approx. 14 days; 8 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		#/group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3:7	
		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	NS	Shore watch, 30 m cliff; Bushnell Zoom Scope, 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	2:2,3	
84-0053	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
85-0022	RS	species	common name	NS	Shore watch RIS	NA	NA	NA	NA	
		stomach contents, weight	g	4?	Collected specimens	NS	NS	NA	NA	Notes 2,16
		stomach contents, identification	species	4?	Collected specimens	NS	NS	NA	NA	Notes 2,16
	WA	# observed/location	walrus/general	NS	Shore watch RIS	NA	NA	NS	3:7	
		species	common name	50 walrus	Shore watch RIS	NA	NA	NA	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
85-0023	RS	# observed/aerial transect line	seals/2 min.	13 lines	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared; clumping examined	4	
		# unattended holes/aerial transect line	holes/2 min.	13 lines	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		#/group	seals/group	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	NS	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/aerial transect line	seals/2 min.	13 lines	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	Left and right observers compared	4	
		#/group	seals/group	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	3;7	
		#/distance from aircraft	seals/outer or inner strip	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km; distance estimated using marked struts	NA	NA	NS	3;7	
		species	common name; scientific name	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending hole	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		attending crack	presence, absence	A	SAS; Cessna 337; 152 m; 258 km/h; 0.8 km	NA	NA	NS	4	
		diving during fly-by	presence, absence	NS	SAS; Cessna 337; 152 m; 256 km/h; 0.8 km	NA	NA	NS	4	
85-0024	HA	#/group	seals/group	30 lines	SAS; Twin Otter; 915 m; 222 km/h; MC using Wild RC8 23 cm format camera; 152 mm lens	Kodak 2445 Aerocolour negatives	NA	NA	NA	Notes 4,16
		#/photograph	seals/frame/line	30 lines	SAS; Twin Otter; 915 m; 222 km/h; MC using Wild RC8 23 cm format camera; 152 mm lens	Kodak 2445 Aerocolour negatives	NA	NA	NA	Note 16
		species	common name	NS	SAS; Twin Otter; 915 m; 222 km/h; MC using Wild RC8 23 cm format camera; 152 mm lens	Kodak 2445 Aerocolour negatives	NA	NA	NA	Note 16
85-0025	RS	# observed/location	seals/°Lat. & °Long.	NS	RCA low-light level video camera SAS; Twin Otter; 923 m; 185 km/h; NS	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
05-0025 (cont'd)		#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	seals/frame/line	39 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		species	common name	NA	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NA	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
	UP	# observed/location	seals/°Lat. & °Long.	NS	RCA low-light level video camera SAS; Twin Otter; 923 m; 185 km/h	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16
		#/group	seals/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	seals/frame/line	39 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
85-0025 (cont'd)		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
	NA	# observed/location	walrus/°Lat. & °Long.	NS	RCA low-light level video camera SAS; Twin Otter; 923 m; 185 km/h; NS	Videotapes	NA	Precision can be estimated since sightings exist as permanent record on tape/film	NA	Notes 4,16
		#/group	walrus/group	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format, 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		#/photograph	walrus/frame/line	39 lines	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format, 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		species	common name	NA	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format, 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NA	NA	
		tusk	absence, presence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format, 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		body length	m	NA	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	Precision can be estimated since sightings exist as permanent record on tape/film	NA	
		heading	compass point	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		haul-out on ice	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		assoc. with birds	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
		assoc. with whales	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
85-0025 (cont'd)		diving during fly-by	presence, absence	A	SAS; Twin Otter; 923 m; 185 km/h; Wild RC8 23 cm format with 152 mm lens	Aerocolour Negative 2445 and Aerographic 2405 B&W	Nikon SMZ-1 dissecting microscope; mounted Richards GFL 940 MC light table	NS	NA	
85-0027	RS	# observed/location	seals/°Lat. & Long.	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
	BS	# observed/location	seals/°Lat. & Long.	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	seals/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
	WA	# observed/location	walrus/°Lat. & Long.	NS	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	2:1,4,6 3:7	Notes 4,16
		#/group	walrus/group	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	3:7	Note 13
		species	common name	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	RAS; Twin Otter; Bell 206; 300 m; 190 km/h; 0.8 km	NA	NA	NS	4	
85-0028	RS	# observed/location	seals/quadrat/2 hours	Watch approx. 7 days, 8 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		# group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3:7	
		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		pursuit by bear	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending hole	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	2:2,3	

TABLE 2 (cont'd)

DATA SET I.D.	SPECIES	MEASUREMENT	UNITS	NO. SAMPLES	MATERIALS AND METHODS				RATING	REMARKS
					STUDY METHOD	STORAGE	ANALYSIS	PRECISION/ACCURACY		
85-0028 (cont'd)	BS	# observed/location	seals/quadrat/2 hours	Watch approx. 7 days, 8 h/day	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	±1' Lat. & Long.	3:7	Notes 4,16
		# group	seals/group	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	3:7	
		species	common name	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NA	NA	
		haul-out on ice	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		attending crack	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	4	
		moulting	presence, absence	A	Shore watch, 30 m cliff; Bushnell Zoom Scope 15-60x; Bushnell Binoculars 7x35 and 10x35	NA	NA	NS	2:2,3	
85-0030	RS	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	
	UP	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	Note 19
	HA	# shot & traded/community	pelts/person/community	8 communities	Hunter responses to Fur Trader	NA	NA	Note 3	4	
		species	common name	A	Field examination by hunter	NA	NA	NA	NA	

Data Catalogue Table 3: Sampling Times and Locations

Table 3 presents the sampling times and locations, by method, for each data set. Data sets are listed in chronological order, according to I.D. number. Data sets for which no information or only limited information is available on the specific times or areas sampled are also listed. The information on each data set in this table and the abbreviations used are described below, by column.

Data Set I.D.

Each identification (I.D.) number is unique to a data set; all subsequent references to data sets are by I.D. numbers. The first two digits of the I.D. refer to the last two digits of the year during which the data were gathered; the last four digits of the I.D. is the identifier number for the data set. The subscript $_{18}$ indicates data sets obtained in the 1800's. Data sets are ordered chronologically.

Method

This column indicates the method(s) used to obtain information on seals. All known methods have been listed. Abbreviations used in this column refer to the various types of surveys used, and are defined as follows:

RAS	Reconnaissance Aerial Survey
RIS	Reconnaissance Ice Survey
RVS	Reconnaissance Vessel Survey
SAS	Systematic Aerial Survey

Time Sampled

The starting and ending dates are given for each method and sampling effort within each data set. If exact dates were not given, then the general time frame (e.g. summer) appears in the table. Not specified ("NS") is used if no date was given while a question mark (?) denotes uncertainty about a date which was given.

Sampling is assumed to be continuous unless otherwise indicated. If sampling is known to be discontinuous, but the exact sampling schedule was not available, "discontinuous" or "variable" appear. The former implies a continuous field day with frequent stops and relocations. "Variable" means that many samples were taken opportunistically, and the time intervals between them varied. "NS" means the sampling schedule was not specified.

Geographic Location

Specific sampling areas are detailed and major locations given on Fig. 2.1. A semi-colon is used to separate areas when the sampling schedule is not known, and a dash, when it is (e.g. Lancaster Sound; Croker Bay indicates only that both areas were sampled, while Lancaster Sound-Croker Bay means that Lancaster Sound and Croker Bay were sampled once each and in that order).

Remarks

This column indicates additional information that is known regarding sampling times and/or locations.

Note 9. Based on lengthy historical accounts which specified sampling dates and/or locations in a general manner only.

Note 10. Sampling dates and/or locations unknown.

Note 11. Data sets unavailable to review for the inventory and not available in published form.

TABLE 3

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
18^{34}-0001	Incidental report	July NS	Aug. NS	NS	Bathurst Inlet. 67°07'31"N, 94°39'45"W on July 29 67°41'24"N, 95°02'16"W on July 31	Note 9
18^{38}-0001	RVS	July 17, 1838	NS	variable	Bathurst Inlet	Note 9
	RVS	July 29, 1838	NS	variable	Coronation Gulf	
	RVS	July 30, 1838	NS	variable	Arctic Sound	
	RVS	Aug. 05, 1838	NS	variable	Melville Sound	
	Incidental report	Aug. 20, 1838	Sep. 03, 1839	variable	Coppermine River	
	RVS	July 03, 1839	Sep. NS, 1839	variable	Bathurst Inlet, Montreal Island	
18^{50}-0001	RVS	Sep. NS, 1850	Aug. NS, 1851	variable	Prince of Wales Strait	Note 9
	RVS	Sep. NS, 1851	Oct. NS, 1851	variable	M'Clure Strait	
	RVS	Oct. NS, 1851	Apr. NS, 1853	variable	Mercy Bay - Barrow Strait	
18^{51}-0001	RVS	Aug. 26, 1851	Sep. NS, 1851	variable	Prince of Wales Strait	Note 9
	RVS	Sep. NS, 1852	Oct. NS, 1852	variable	Dolphin & Union Strait; Coronation Gulf; Dease Strait	
	RIS	Mar. NS, 1853	Apr. NS, 1853	variable	Victoria Strait	
	RIS	May NS, 1853	June NS, 1853	discontinuous	Victoria Strait	
18^{52}-0002	NS	Apr. 19(?)	NS	NS	Barrow Strait	Note 11
18^{58}-0002	RVS	July 12, 1858	Sep. 27, 1858	variable	Admiralty Inlet; Arctic Bay; Barrow Strait; Batty Bay; Bellot Strait; Brentford Bay; Chantrey Inlet; Creswell Bay; Elwin Bay; Franklin Strait; Fury & Hecla Strait; Gulf of Boothia; Lancaster Sound; Montreal Island; Peel Sound; Prince Regent Inlet; Simpson Strait; Victoria Strait	Note 9
		Aug. 09, 1859	Aug. 16, 1859	variable		
18^{75}-0001	RVS	Aug. 20	Sep. 07	discontinuous	Admiralty Inlet; Barrow Strait; Bellot Strait; Cunningham Inlet; Lancaster Sound; Peel Sound; Prince Regent Inlet	Note 9

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
1879-0001	Incidental report	May NS	Sep. NS	variable	Chantrey Inlet; Montreal Island; Richard Collinson Inlet; Simpson Strait; Victoria Strait	Note 9
03-0004	RVS	Aug. 12, 1904	Aug. 18, 1904	variable (stops at Cuming Creek 1 day; Beechey Island 3.5 h; Port Leopold 1.5 d)	Lancaster Sound-Cuming Creek-Lancaster Sound-Barrow Strait-Beechey Island-Barrow Strait-Prince Regent Inlet-Port Leopold-Prince Regent Inlet-Lancaster Sound	Note 9
08-0001	RVS	Aug. 22, 1908	Aug. 28, 1908	variable	Lancaster Sound-Erebus Bay-Barrow Strait-Viscount Melville Sound-M'Clure Strait-Viscount Melville Sound-Winter Harbour	Note 9
	Incidental report	Aug. 28, 1908	Aug. 12, 1909	variable	Winter Harbour	
	RIS	Apr. 06, 1909	May 09, 1909	variable	Winter Harbour-Cape Providence-Cape Parker-Peel Point-Cape Dundas-Cape Providence-Winter Harbour	
	RIS	May 01, 1909	June 10, 1909	variable	Winter Harbour-Cape Providence-Cape Hay-Mercy Bay-Cape Dundas-Cape Providence-Winter Harbour	
	RIS	May 17, 1909	May 24, 1909	variable	Winter Harbour-Cape Providence-Cape Hay-Mercy Bay-Cape Providence-Winter Harbour	
	Incidental report	May 21, 1909	June 24, 1909	variable	Cape Providence	
	RVS	Aug. 12, 1909	Aug. 14, 1909	variable	Winter Harbour-Byam Martin Channel	
	RVS	Aug. 22, 1909	Aug. 31, 1909	variable	Austin Channel-Viscount Melville Sound-Barrow Strait-Lancaster Sound-Navy Board Inlet	
12-0002	RIS	Nov. 01, 1912	Nov. 19, 1912	discontinuous	Travel between head of Admiralty Inlet and Arctic Bay	
	Incidental report	Nov. 19, 1912	Jan. 29, 1913	discontinuous	Overwinter at Arctic Bay	
	RIS	Jan. 30, 1913	Mar. 07, 1913	discontinuous	Southward travel through Admiralty Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
21-0001	RIS	Apr. 13(?), 1922	May 06(?), 1922	variable	Fury & Hecla Strait-Agu Bay	Note 9
	RIS	Apr. 13, 1922	May 01(?), 1922	variable	Admiralty Inlet-Easter Sound-Admiralty Inlet	
	RIS	Mar. 28, 1923	Apr. 05, 1923	variable	Committee Bay	
	RIS	Apr. 08, 1923	May 25, 1923	variable	Pelly Bay-Sheperd Bay-Rae Strait-St. Roch Basin-James Ross Strait-St. Roch Basin-Rae Strait-Rasmussen Basin-Chantrey Inlet	
	RIS	June NS, 1923	June 13, 1923	variable	Simpson Strait-King William Island	
	RIS	Nov. 01, 1923	Dec. NS, 1923	variable	Simpson Strait-Queen Maud Gulf-Melville Sound-Bathurst Inlet-Kent Peninsula	
	RIS	Jan. 16, 1924	Feb. 16(?), 1924	variable	Kent Peninsula-Melville Sound-Coronation Gulf-Dolphin & Union Strait	
	RIS	Apr. 19(?), 1924	May 29, 1924	variable	Lancaster Sound-Admiralty Inlet-Cape York-Cape Crawford-Admiralty Inlet-Elwin Bay-Admiralty Inlet-Moffet Inlet	
	RVS	Aug. 02, 1924	Aug. 07(?), 1924	variable	Lancaster Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Lancaster Sound	
	Hunter interviews Incidental reports	NS	NS	variable	NS	
23-0003	RVS	Aug. 18(?)	Aug. 20(?)	variable (stop 12 h at Strathcona Sound)	Lancaster Sound-Admiralty Inlet-Strathcona Sound-Admiralty Inlet-Lancaster Sound	Note 9
40-0010	RVS	Aug. 29(?), 1940	Sep. 19(?), 1940	variable (stops at Coppermine, Cambridge Bay)	Tuktoyaktuk-Coppermine-Cambridge Bay-Amundsen Gulf	Note 9
	RVS	Aug. 12, 1941	Sep. 03, 1941	variable (stops at Coppermine, Cambridge Bay, Gjoa Haven)	Tuktoyaktuk-Coppermine-Cambridge Bay-Queen Maud Gulf-Gjoa Haven-St. Roch Basin-James Ross Strait-Pasley Bay	
	Vessel watch	Sep. 03, 1941	Aug. 04, 1942	variable	Pasley Bay	
	RIS	Mar. NS, 1942	Apr. NS, 1942	variable	Pasley Bay-Lord Mayor Bay-Pelly Bay-Gjoa Haven-Pasley Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
40-0010 (cont'd)	RVS	Aug. 04, 1942	Sep. 02, 1942	variable (stop at Fort Ross)	Pasley Bay-Tasmania Islands-Bellot Strait-Fort Ross-Prince Regent Inlet-Lancaster Sound-Navy Board Inlet	
40-0012	Trader's records	1940	1984	continuous	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
40-0013	Incidental report	NS	NS	one event	Bathurst Inlet	Note 10
44-0002	RVS	Aug. 18	Aug. 20	variable	Navy Board Inlet-Lancaster Sound-Dundas Harbour-Beechey Island	Note 9
	RVS	Aug. 22	Aug. 24	variable	Barrow Strait-Austin Channel	
	RVS	Aug. 26	Sep. 03	variable	Byam Martin Channel-Dealy Island-Winter Harbour-M'Clure Strait-Richard Collinson Inlet-Prince of Wales Strait	
46-0003	RVS	July 22	July 24(?)	variable	Lancaster Sound-Dundas Harbour-Lancaster Sound-Baffin Bay	
	RVS	July 27	July 31(?)	variable	Lancaster Sound-Dundas Harbour-Lancaster Sound-Baffin Bay	
	RVS	Aug. 06(?)	Aug. 18	variable	Lancaster Sound-Admiralty Inlet-Lancaster Sound-Dundas Harbour-Lancaster Sound	
	RVS	Aug. 20	Aug. 20(?)	variable	Lancaster Sound	
	RVS	Aug. 20	Aug. 28	variable	Lancaster Sound-Garnier Bay-Prince Regent Inlet-Lancaster Sound	
	RVS	Aug. 29	Sep. 05	variable	Lancaster Sound-Barrow Strait-Viscount Melville Sound-M'Clure Strait-Winter Harbour-Wellington Channel	
	RVS	Aug. 29	Sep. 01	variable	Lancaster Sound	
	RVS	Sep. 07	Sep. 08(?)	variable	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
47-0005	RVS	Aug. 01	NS	variable	Port Leopold	Note 10
	RVS	Aug. 02	NS	variable	Lancaster Sound	
	RVS	Aug. 16	Aug. 22	variable	Resolute Bay	
	RVS	Aug. 28	Sep. 17	variable	Resolute Bay; Erebus Bay	
	Incidental report	Aug. 29	Aug. 29	variable	Radstock Bay	
49-0013	RAS	Aug. 06	Aug. 06	continuous	Thule-Lancaster Sound-Barrow Strait-Viscount Melville Sound-Austin Channel	
	RVS	Aug. 14	Aug. 15	NS	Lancaster Sound-Barrow Strait-Wellington Channel	
	RAS	Aug. 17	Aug. 17	continuous	Erebus Bay-Gascoyne Inlet-Barrow Strait-Wellington Channel	
	RVS	Aug. 19(?)	Aug. 31	NS	Wellington Channel-Radstock Bay-Resolute Bay-Barrow Strait-Lancaster Sound	
	RAS	Aug. 19	Aug. 20	continuous (stop at Erebus Bay)	Radstock Bay-Erebus Bay-Radstock Bay	
	RAS	Aug. 28	Aug. 28	continuous	Resolute Bay-Viscount Melville Sound-M'Clure Strait-Mould Bay	
	RAS	Aug. 29	Aug. 29	continuous	Resolute Bay-Barrow Strait-Resolute Bay	
49-0014	Incidental report	NS	NS	one event	Pelly Bay	Note 10
50-0002	RVS	Aug. 16	Aug. 21	variable	Lancaster Sound-Dundas Harbour-Barrow Strait-Resolute Bay-Lancaster Sound	
	RAS	Aug. 17	Aug. 17	continuous	Lancaster Sound-Radstock Bay-Gascoyne Inlet-Erebus Bay-Barrow Strait	
	RAS	NS	NS	stop at Griffiths Island	Resolute Bay-Griffiths Island-Resolute Bay	
	RVS	Aug. 21	Aug. 22(?)	variable	Lancaster Sound-Baffin Bay	
51-0028	Incidental report	NS	NS	one event	Ross Peninsula	Note 10

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
52-0008	RVS; shore watch	Aug. 12	Aug. 18	variable	Antler Cove (camp)	Note 9
	RVS; shore watch	Aug. 19	Aug. 29	variable	Mahogany Point (camp)	
	RVS; shore watch	Aug. 29	Sep. 02	variable	Thomsen River Delta	
52-0031	Incidental report	NS	NS	one event	Bathurst Inlet	Note 10
53-0014	RVS; shore watch	July 18	Aug. 02	variable	Mahogany Point (camp)	Note 9
	RVS; shore watch	Aug. 03	Aug. 08	variable	Investigator Point (camp)	
	RVS; shore watch	Aug. 12	Aug. 22	variable	Back Point (camp)	
	RVS; shore watch	Aug. 23	Aug. 28	variable	Pim Ravine (camp)	
53-0032	Incidental report	NS	NS	one event	Thom Bay; Lord Mayor Bay	Note 10
54-0001	RVS, Incidental report	Aug. 02	Aug. 02	variable	Lancaster Sound	
	RVS, Incidental report	Aug. 04	Aug. 04	variable	Lancaster Sound	
	RVS, Incidental report	Aug. 16	Aug. 18	variable	Barrow Strait	
	RVS, Incidental report	Aug. 24	Aug. 24	variable	Viscount Melville Sound	
	RVS, Incidental report	Aug. 26	Aug. 30	variable	Viscount Melville Sound	
	RVS, Incidental report	Aug. 30	Sep. NS	variable	Prince of Wales Strait	
54-0003	RVS	Aug. 26	NS	NS	Viscount Melville Sound; Richard Collinson Inlet; M'Clure Strait; Prince of Wales Strait	Note 10
54-0033	Shore watch	May 10	July 19	variable	Coppermine	
	NS	Aug. 04(?)	Aug. 04(?)	variable	Bathurst Inlet	
	Shore watch	Aug. 10(?)	Aug. 10(?)	variable	Cambridge Bay	
	Vessel watch	Aug. 24(?)	Aug. 24(?)	variable	Queen Maud Gulf	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
54-0033 (cont'd)	Shore watch	Aug. 31(?)	Aug. 31(?)	variable	Spence Bay	
	Shore watch	Sep. 09(?)	NS	variable	Adams Sound; Admiralty Inlet	
	RVS	Sep. 22(?)	Sep. 22(?)	variable	Adams Sound	
54-0034	Hunter interviews	NS	NS	NS	Lancaster Sound	Note 11
54-0035	RAS	July 15	July 15	continuous	Winnipeg-Resolute Bay	
	RAS	July 21	July 21	continuous	Thule-Lancaster Sound-Barrow Strait	
	RAS	July 22	July 22	continuous	Resolute Bay-Byam Martin Island-Viscount Melville Sound-Hadley Bay-Wynniat Bay-Richard Collinson Inlet-Amundsen Gulf-Cape Kellett-Winter Harbour	
	RAS	July 26	July 26	continuous	Resolute Bay-Viscount Melville Sound-Russell Point-M'Clure Strait-Winter Harbour-Resolute Bay	
54-0036	RAS	Apr. 03	Apr. 22	discontinuous	NS	Note 11
54-0039	RVS	Aug. 05	Aug. 21	discontinuous	Baring Channel	
55-0039	RAS	July 28	July 28	NS	Churchill-Creswell Bay-Resolute Bay	
	RAS	July 29	July 29	continuous	Resolute Bay-Garnier Bay-Thule	
	RAS	July 30	July 30	continuous	Resolute Bay-Beaufort Sea	
	RAS	Aug. 03	Aug. 03	continuous	Fairbanks, Alaska-Resolute Bay	
	RAS	Aug. 04	Aug. 04	continuous	Resolute Bay-Barrow Strait-Cambridge Bay-Resolute Bay	
	RAS	Aug. 05	Aug. 05	continuous	Resolute Bay-Barrow Strait-Lancaster Sound-Bylot Island-Wellington Channel-Resolute Bay	
	Hunter interview, Incidental report	Aug. 06	Aug. 10	NS	Resolute Bay	
	RAS	Aug. 11	Aug. 11	continuous	Resolute Bay-Winnipeg	
56-0035	Hunter interviews	1962	1972	continuous	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Creswell Bay; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
57-0020	Shore watch	June 11	June 13	variable	Navy Board Inlet-Cape Hay	Note 10
	Shore watch	June 13	Aug. 19(?)	15 min. watches hourly	Cape Hay	
	RVS	Aug. 20	Aug. 20	variable	Cape Hay-Navy Board Inlet	
57-0045	RVS	May 15	May 16	NS	Cambridge Bay	
	Shore watch	May 22	July NS	variable	Adelaide Peninsula (Weir Creek)	
	Shore watch	Aug. 18	Aug. 25	variable	Adelaide Peninsula (Weir Creek)	
	Shore watch	Aug. 28	Sep. 08	variable	Adelaide Peninsula (Weir Creek)	
	RVS	July 25	July 29	variable	Chantrey Inlet; Montreal Island	
	RVS	Aug. 12	Aug. 18	variable	Rasmussen Basin-Simpson Strait-Queen Maud Gulf	
	RVS	Sep. 12	Sep. 15	variable	Rasmussen Basin-Simpson Strait	
	Shore watch	Sep. 16	Sep. 25	variable	Gladman Point	
58-0044	RAS	May 22	May 22	NS	Outside study area-Resolute Bay	
	RIS	May 24	May 31	NS	Resolute Bay-Lowther Island-Russell Island-Peel Sound-Browne Bay	
	Shore watch	June 01	July 21	NS	Browne Bay	
	RAS	June 18	June 18	stop near Arabella Bay once	Browne Bay-Barrow Strait	
	RAS	June 18	NS	stop at Muskox Hill twice	Browne Bay-Peel Sound-Browne Bay	
	RIS	June 18	June 18	NS	Browne Bay	
	Shore watch	July 21	July 23	NS	Young Bay	
	Shore watch	July 23	July 24(?)	NS	Young Bay-Peel Sound-Le Feuvre Inlet	
	Shore watch	July 29(?)	July 30	NS	Guillemard Bay	
	Shore watch	Aug. 07	NS	NS	Browne Bay	
	Shore watch	Aug. 14(?)	Aug. 16(?)	NS	Smith Bay; Scott Bay	
	RVS	Aug. 21	Aug. 27	NS	Browne Bay	
	RAS	Sep. 10	Sep. 11	stop overnight at Cambridge Bay	Browne Bay-Cambridge Bay-Yellowknife	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
58-0045	RAS	July 28	July 28	NS	Somerset Island-Limestone Island-NS	Note 10
	RAS	July 29	July 29	NS	NS-Prince Leopold Island	
	RAS	Aug. 08	Aug. 08	NS	NS	
	RAS	Aug. 09	Aug. 09	NS	NS	
	RAS	Aug. 10	Aug. 10	stop at Browne Bay	Somerset Island-southern Prince of Wales Island-Browne Bay-Somerset Island	
	RAS	Aug. 12	Aug. 12	stop at Browne Bay twice	Somerset Island-Browne Bay-northern Prince of Wales Island-Browne Bay-Somerset Island	
	RAS	Aug. 13	Aug. 13	NS	Somerset Island-Prince Leopold Island	
	RAS	Aug. 19	Aug. 19	NS	Prince Leopold Island-Lancaster Sound-Admiralty Inlet-Bellot Strait	
60-0069	Incidental report	July 06	July 06	one event	Coppermine	
61-0082	Incidental report	NS	NS	one event	Arctic Sound (67°30'N, 108°50'W)	Note 10
62-0007	RVS	Oct. 02	Oct. 04	NS	Lancaster Sound	Note 10
62-0065	RAS	Mar. NS	May NS	discontinuous	Resolute Bay; Barrow Strait; Peel Sound	
65-0059	RIS	May 24	Aug. 18	NS	Fury & Hecla Strait-Gulf of Boothia	Ice reconnaissance once during time specified; Note 10
66-0059	Hunter interviews	NS	NS	NS	Arctic Bay	Note 10
67-0045	Hunter interviews	NS	NS	NS	Resolute Bay	Note 10
68-0066	Hunter interview	May NS	Sep. NS	NS	Gjoa Haven; Pelly Bay; Spence Bay	Note 10
70-0074	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
71-0100	Trader's records	July 01, 1971	June 30, 1972	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
71-0103	Hunter interviews	1971	1973	variable	Gjoa Haven; Pelly Bay; Spence Bay	
71-0112	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
72-0099	Trader's records	July 01, 1972	June 30, 1973	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
72-0105	RAS	Mar. NS	June NS	discontinuous	Gulf of Boothia; Larsen Sound; M'Clintock Channel; Victoria Island	
72-0120	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
73-0116	Trader's records	July 01, 1973	June 30, 1974	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
73-0120	RAS	Mar. NS	June NS	discontinuous	Hadley Bay; Larson Sound; M'Clintock Channel; Victoria Strait	
73-0123	Shore watch	July 25	Aug. 07	continuous (during daylight hours)	Radstock Bay	
73-0131	Examination of harvested specimen	NS	NS	NS	Coppermine	Note 10
73-0132	RIS	Apr. NS	Apr. NS	variable	Lancaster Sound at 74°30'N; 91°23'W	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
73-0133	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
74-0054	RAS	Aug. NS	Aug. NS	continuous	Admiralty Inlet	
	RAS	Aug. NS	Aug. NS	continuous	Admiralty Inlet	
	RAS	Aug. NS	Aug. NS	continuous	Admiralty Inlet	
	RAS	Aug. NS	Aug. NS	continuous	Admiralty Inlet	
	RAS	Aug. NS	Aug. NS	continuous	Admiralty Inlet	
	RAS	Sep. NS	Sep. NS	continuous	Strathcona Sound	
74-0108	Trader's records	July 01, 1974	June 30, 1975	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
74-0111	RAS	July 05	July 05	continuous	Resolute Bay-Somerset Island-Prince of Wales Island-Cunningham Inlet-Resolute Bay	
	Shore watch, Incidental report	July 06	Aug. 09	NS	southwest of Cunningham Inlet	
	RAS	July 08	July 08	continuous	Cunningham Inlet-Barrow Strait	
	RAS	July 10	July 10	continuous	Cunningham Inlet-Barrow Strait-Prince Regent Inlet	
	NS	Aug. 04	Aug. 04	NS	Cunningham Inlet	
	NS	Aug. 04	Aug. 04	NS	Cunningham Inlet	
	RAS	Aug. 09	Aug. 09	continuous	Cunningham Inlet-Resolute Bay	
	RAS	Aug. 10	Aug. 10	NS	Resolute Bay-Barrow Strait-Lancaster Sound	
	RAS	Aug. 12	Aug. 12	continuous (stop at Arctic Bay)	Resolute Bay-Barrow Strait-Garnier Bay-Admiralty Bay-Milne Inlet	
74-0113	RIS	May NS	Aug. NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
74-0114	RAS	Mar. 20	May 01	discontinuous	Franklin Strait; Hadley Bay; Larsen Sound; Markham Strait; M'Clintock Channel; Victoria Strait; Viscount Melville Sound; Wynniatt Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
74-0116	RAS	June 03	June 29	NS	Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Franklin Strait; Gulf of Boothia; James Ross Strait; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	
	RAS	July 04	July 27	NS	Baring Channel; Barrow Strait; Bellot Strait; Franklin Strait; Gulf of Boothia; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	
	RAS	July 31	Sep. 04	NS	Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Franklin Strait; Gulf of Boothia; James Ross Strait; M'Clintock Channel; Peel Sound; Prince Regent Inlet; Viscount Melville Sound	
74-0125	Examination of harvested specimen	NS	NS	NS	Barrow Strait; Lancaster Sound	Note 10
74-0128	Shore watch	July 10	Aug. 10	continuous (daylight hours)	Radstock Bay	
74-0129	Shore watch	May NS	May NS	discontinuous	Cunningham Inlet	
		Aug. 14	Sep. 01	discontinuous	Cunningham Inlet	
75-0075	RAS	June 01	June 12	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Wrottesley Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
75-0075 (cont'd)	RAS	June 13	June 24	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Viscount Melville Sound; Wrottesley Inlet	
	RAS	June 25	July 24	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Viscount Melville Sound	
	SAS	July 17	July 18	NS	Barrow Strait	
	Shore watch	July 20	Aug. 31	NS	Creswell Bay	
	RAS	July 25	Aug. 07	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Browne Bay; Creswell Bay; Cunningham Inlet; Franklin Strait; James Ross Strait; Larsen Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Spence Bay; Viscount Melville Sound; Wrottesley Inlet	
	SAS	July 27	July 28	NS	Barrow Strait	
	SAS	Aug. 08	Aug. 08	NS	Barrow Strait	
	RAS	Aug. 08	Aug. 31	NS	Aston Bay; Baring Channel; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Franklin Strait; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay; Viscount Melville Sound	
	SAS	Aug. 22	Aug. 24	NS	Barrow Strait	
75-0076	RAS	June 03	June 03	continuous	Lancaster Sound	
	RAS	June 05	June 05	continuous	Lancaster Sound-Prince Regent Inlet-Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
75-0076 (cont'd)	RAS	June 06	June 06	continuous	Lancaster Sound-Prince Regent Inlet-Lancaster Sound	
	Shore watch	July 23	Aug. 28	NS	Kakiak Point	
75-0077	RAS	July 23	July 23	continuous	Strathcona Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Strathcona Sound	
	RAS	July 24	July 24	continuous	Admiralty Inlet-Moffet Inlet-Admiralty Inlet	
	RAS	July 25	July 25	continuous	Strathcona Sound-Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	July 26	July 26	continuous	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	SAS	July 28	July 28	continuous	Admiralty Inlet	
	RAS	July 30	July 30	continuous	Adams Sound-Admiralty Inlet	
	RAS	Aug. 01	Aug. 01	continuous	Strathcona Sound-Admiralty Inlet-Adams Sound-Admiralty Inlet-Strathcona Sound	
	RAS	Aug. 04	Aug. 04	continuous	Adams Sound-Admiralty Inlet	
	SAS	Aug. 09	Aug. 09	continuous	Admiralty Inlet	
	SAS	Aug. 10	Aug. 10	continuous	Admiralty Inlet	
	RAS	Aug. 16	Aug. 16	continuous	Strathcona Sound-Admiralty Inlet	
	RAS	Aug. 23	Aug. 23	continuous	Lancaster Sound	
	SAS	Aug. 23	Aug. 23	continuous	Admiralty Inlet	
75-0124	Trader's records	July 01, 1975	June 30, 1976	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
75-0127	Shore watch, examination of collected specimens	May 08	June 02	NS	Aston Bay; Back Bay; Baring Channel; Barrow Strait; Browne Bay; Lancaster Sound; Peel Sound; Viscount Melville Sound	
	Shore watch	June 04	July 08	once every 2 hours for 24 hours; NS	Aston Bay	
	RAS	June 16	June 28	no flights on June 17, 19, 20 and 21	Back Bay; Baring Channel; Barrow Strait; Browne Bay; Lancaster Sound; Maxwell Bay; Peel Sound; Viscount Melville Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
75-0129	RAS	Mar. NS	June NS	NS	Franklin Strait; Gulf of Boothia; Hadley Bay; Larsen Sound; Markham Strait; M'Clintock Channel; Victoria Strait; Viscount Melville Sound; Wynniatt Bay	
	RAS	July 27	July 27	continuous	Adams Sound-Admiralty Inlet	
	RAS	July 31	July 31	continuous	Lancaster Sound-Navy Board Inlet-Lancaster Sound	
	RAS	Aug. 02	Aug. 02	continuous	Admiralty Inlet-Jungerson Bay-Berlinquet Inlet-Admiralty Inlet	
	RAS	Aug. 05	Aug. 05	continuous	Admiralty Inlet-Lancaster Sound	
	RAS	Aug. 07	Aug. 07	continuous	Lancaster Sound	
	RAS	Aug. 12	Aug. 12	continuous	Strathcona Sound-Adams Sound-Baillarge Bay	
	RAS	Aug. 17	Aug. 17	continuous	Strathcona Sound-Lancaster Sound	
	RAS	Aug. 18	Aug. 18	continuous	Admiralty Inlet	
	RAS	Aug. 20	Aug. 20	continuous	Lancaster Sound-Navy Board Inlet	
	RAS	Aug. 22	Aug. 22	continuous	Admiralty Inlet-Lancaster Sound	
75-0130	RIS	Mar. 13	May 03	NS	Barrow Strait; Franklin Strait; Peel Sound; Prince Regent Inlet; Resolute Bay	
	RIS	Apr. 22	Apr. 22	continuous	Resolute Bay-Port Leopold	
	RIS	Apr. 30	Apr. 30	continuous	Resolute Bay-Port Leopold	
	RIS	May 03	May 03	continuous	Resolute Bay-Port Leopold	
75-0131	SAS	Oct. 01	Oct. 05	NS	Admiralty Inlet; Croker Bay; Lancaster Sound; Prince Regent Inlet	
	RAS	Oct. 01	Oct. 05	NS	Admiralty Inlet; Baillarge Bay; Blanley Bay; Burnett Inlet; Croker Bay; Cuming Inlet; Dundas Harbour; Elwin Inlet; Lancaster Sound; Maxwell Bay; Powell Inlet; Prince Regent Inlet; Stratton Inlet	
	SAS	Oct. 26	Oct. 27	NS	Admiralty Inlet; Croker Bay; Lancaster Sound; Prince Regent Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
75-0144	Examination of harvested specimen	NS	NS	NS	Barrow Strait	Note 10
75-0147	Examination of harvested specimen	NS	NS	NS	Aston Bay	
75-0148	Shore watch	May 12	June 07	continuous	Radstock Bay	
		July 03	July 29	continuous (during daylight hours)	Radstock Bay	
76-0064	RAS	June 18	June 18	continuous	Arctic Bay-Navy Board Inlet	
	RAS	June 21	June 21	continuous	Navy Board Inlet-Cape Hay	
	Shore watch	June 21	June 21	continuous for 8 hours	Cape Hay	
	Shore watch	June 24	July 05	start times and end times given for each day	Cape Hay	
	Shore watch	July 07	July 07	20:00-22:30	Cape Hay	
	Shore watch	July 10	July 17	start times and end times given for each day	Cape Hay	
	Shore watch	July 20	July 28	start times and end times given for each day	Cape Hay	
	RAS	July 31	July 31	continuous	Cape Hay-Arctic Bay	
76-0065	Shore watch	Aug. 12	Sep. 13	discontinuous	Admiralty Inlet	
76-0066	RAS	Mar. NS	June NS	NS	Brentford Bay; Franklin Strait; Larsen Sound; Lord Mayor Bay; Victoria Strait	
	RAS	Aug. 08	Aug. 08	continuous	Admiralty Inlet	
	SAS	Aug. 09	Aug. 09	continuous	Admiralty Inlet	
	RAS	Aug. 09	Aug. 09	continuous	Lancaster Sound-Navy Board Inlet	
	RAS	Aug. 10	Aug. 10	continuous	Admiralty Inlet-Moffet Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0066 (cont'd)	RAS	Aug. 11	Aug. 11	continuous	Strathcona Sound-Admiralty Inlet-Lancaster Sound	
	RAS	Aug. 14	Aug. 14	continuous	Admiralty Inlet	
	SAS	Aug. 14	Aug. 14	continuous	Admiralty Inlet	
	SAS	Aug. 15	Aug. 15	continuous	Admiralty Inlet	
76-0104	Trader's records	July 01, 1976	June 30, 1977	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
76-0107	RIS	Apr. NS	May 28	NS	Aston Bay; Barrow Strait; M'Clintock Channel; Peel Sound; Viscount Melville Sound	
76-0111	SAS	May 02	May 03	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 02	May 03	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 09	May 11	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 09	May 11	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 16	May 20	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 16	May 20	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 23	May 24	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 23	May 24	NS	Admiralty Inlet; Lancaster Sound	
	SAS	May 30	June 01	NS	Admiralty Inlet; Lancaster Sound	
	RAS	May 30	June 01	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 06	June 07	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 06	June 07	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 13	June 15	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 13	June 15	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 20	June 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 20	June 21	NS	Admiralty Inlet; Lancaster Sound	
	SAS	June 27	June 28	NS	Admiralty Inlet; Lancaster Sound	
	RAS	June 27	June 28	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 04	July 05	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 04	July 05	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 12	July 13	NS	Admiralty Inlet; Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0111 (cont'd)	RAS	July 12	July 13	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 18	July 19	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 18	July 19	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 25	July 26	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 25	July 26	NS	Admiralty Inlet; Lancaster Sound	
	SAS	July 31	Aug. 03	NS	Admiralty Inlet; Lancaster Sound	
	RAS	July 31	Aug. 03	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 08	Aug. 10	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 08	Aug. 10	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 16	Aug. 17	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 16	Aug. 17	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Aug. 22	Aug. 22	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 22	Aug. 22	NS	Admiralty Inlet; Lancaster Sound	
	SAS	Aug. 29	Aug. 30	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Aug. 29	Aug. 30	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 05	Sep. 07	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 05	Sep. 07	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 12	Sep. 13	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 12	Sep. 13	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 19	Sep. 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 19	Sep. 21	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 26	Sep. 28	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 26	Sep. 28	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
76-0112	SAS	Feb. 18	Feb. 19	NS	Lancaster Sound	
	RAS	Feb. 18	Feb. 19	NS	Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Mar. 10	Mar. 11	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Mar. 10	Mar. 11	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Mar. 24	Mar. 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Mar. 24	Mar. 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0112 (cont'd)	SAS	Apr. 07	Apr. 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Apr. 07	Apr. 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Apr. 21	Apr. 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Apr. 21	Apr. 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	May 12	May 13	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	May 12	May 13	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	May 24	May 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	May 24	May 25	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	June 09	June 10	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	June 09	June 10	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	July 07	July 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	July 07	July 08	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	July 21	July 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	July 21	July 22	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Aug. 11	Aug. 12	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Aug. 11	Aug. 12	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Aug. 25	Aug. 26	NS	Lancaster Sound	
	RAS	Aug. 25	Aug. 26	NS	Croker Bay; Dundas Harbour; Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0112 (cont'd)	SAS	Sep. 08	Sep. 09	NS	Croker Bay; Lancaster Sound	
	RAS	Sep. 08	Sep. 09	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	SAS	Sep. 22	Sep. 23	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
	RAS	Sep. 22	Sep. 23	NS	Admiralty Inlet; Croker Bay; Dundas Harbour; Lancaster Sound	
76-0113	RAS	Aug. 11	Aug. 11	NS	Barrow Strait-Cunningham Inlet-Garnier Bay-Prince Regent Inlet-Elwin Bay-Batty Bay-Creswell Bay-Bellott Strait-Peel Sound-Barrow Strait	
	RAS	Aug. 28	Aug. 28	NS	Barrow Strait-Cunningham Inlet-Garnier Bay-Prince Regent Inlet-Elwin Bay-Batty Bay-Creswell Bay-Bellott Strait-Peel Sound-Franklin Strait-Coningham Bay-Peel Sound-Barrow Strait	
	RAS	Aug. 29	Aug. 29	continuous	Barrow Strait	
	Shore watch	Aug. 29	Sep. 04	08:00-21:00	10 km west of Fort Ross	
	RAS	Aug. 31	Aug. 31	continuous	Barrow Strait	
	RAS	Sep. 04	Sep. 04	NS	Barrow Strait-Peel Sound-Back Bay-Peel Sound-Transition Bay-Coningham Bay-Guillemard Bay-Franklin Strait-Peel Sound-Bellot Strait-Brentford Bay-Prince Regent Inlet-Creswell Bay	
	SAS	Sep. 04	Sep. 04	continuous	Peel Sound	
	RAS	Sep. 05	Sep. 05	continuous	Barrow Strait	
	Shore watch	Sep. 06	Sep. 08	08:00-21:00	10 km west of Fort Ross	
	Shore watch	Sep. 10	Sep. 12	08:00-21:00	10 km west of Fort Ross	
	RAS	Sep. 10	Sep. 10	NS	Barrow Strait-Peel Sound-Franklin Strait-Bellot Strait-Prince Regent Inlet-Creswell Bay	
	RAS	Sep. 12	Sep. 12	NS	Barrow Strait-Peel Sound-Bellot Strait-Peel Sound-Barrow Strait	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
76-0113 (cont'd)	SAS	Sep. 12	Sep. 12	continuous	Peel Sound	
	RAS	Sep. 15	Sep. 15	NS	Barrow Strait-Peel Sound-Bellot Strait-Prince Regent Inlet-Creswell Bay-Batty Bay-Elwin Bay-Barrow Strait	
	Shore watch	Sep. 15	Sep. 23	08:00-21:00	10 km west of Fort Ross	
	RAS	Sep. 19	Sep. 19	continuous	Barrow Strait-Prince Regent Inlet	
	RAS	Sep. 20	Sep. 20	NS	Barrow Strait-Peel Sound-Franklin Strait-Bellot Strait-Peel Sound-Barrow Strait	
	SAS	Sep. 20	Sep. 20	continuous	Peel Sound	
	RAS	Sep. 21	Sep. 21	continuous	Barrow Strait-Radstock Bay-Maxwell Bay-Lancaster Sound	
	RAS	Sep. 24	Sep. 24	NS	Barrow Strait-Peel Sound-Bellot Strait-Peel Sound-Barrow Strait	
	RAS	Sep. 26	Sep. 26	continuous	Barrow Strait	
	RAS	Sep. 30	Sep. 30	NS	Barrow Strait-Radstock Bay-Maxwell Bay-Barrow Strait-McDougall Sound-Barrow Strait	
76-0124	Examination of harvested specimen	NS	NS	NS	Arctic Bay; Barrow Strait	
76-0125	RIS	Mar. NS	May NS	discontinuous	Bellot Strait; Brentford Bay; Franklin Strait; Gulf of Boothia; Larsen Sound; Lord Mayor Bay; Victoria Strait	
		July NS	Aug. NS	discontinuous		
76-0126	Shore watch	Apr. 16	May 27	continuous (during daylight hours)	Radstock Bay	
76-0127	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
77-0015	Shore watch	May 19	May 29	NS	North coast of Brentford Bay	
	Shore watch	Aug. 24	Sep. 04	NS	North coast of Brentford Bay	
	Shore watch	Aug. 26	Aug. 26	13:55-17:30	Brentford Bay	
	Shore watch	Aug. 27	Aug. 27	14:00-19:50	Brentford Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
77-0015 (cont'd)	Shore watch	Aug. 28	Aug. 28	12:30-16:45	Brentford Bay	
	Shore watch	Aug. 31	Aug. 31	13:00-16:30	Brentford Bay	
	RVS	Sep. 01	Sep. 01	13:15-17:00	Brentford Bay	
	RVS	Sep. 02	Sep. 02	continuous	Brentford Bay	
77-0016	Shore watch	June 04	June 15	NS	Bridport Inlet	
	Shore watch	July 01	July 15	NS	Bridport Inlet	
	RAS	July 03	July 03	continuous	Byam Channel-Viscount Melville Sound-Skene Bay-Bridport Inlet-Winter Harbour	
	RAS	July 06	July 06	continuous	Viscount Melville Sound	
	RAS	July 14	July 14	continuous	Bridport Inlet; Viscount Melville Sound	
	Shore watch	July 31	Aug. 31	NS	Bridport Inlet	
	RAS	Aug. 22	Aug. 22	continuous	Byam Channel-Viscount Melville Sound-Skene Bay-Bridport Inlet-Winter Harbour	
77-0108	Trader's records	July 01, 1977	June 30, 1978	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
77-0113	RAS	July 18	July 18	NS	NS	
	RAS	July 19	July 19	NS	NS	
	RAS	July 27	July 27	NS	NS	
	RAS	July 28	July 28	NS	NS	
	RAS	Aug. 03	Aug. 03	NS	NS	
	RAS	Aug. 09	Aug. 09	NS	NS	
	RAS	Aug. 10	Aug. 10	NS	NS	
	Shore watch	NS	NS	NS	Cunningham Inlet	
77-0116	RAS	Mar. NS	June NS	discontinuous	Brentford Bay; Franklin Strait; Gulf of Boothia; Larsen Sound; Lord Mayor Bay; Victoria Strait	
77-0122	RAS	July 16	July 18	discontinuous	Barrow Strait; south coasts Devon, Cornwallis and Bathurst islands	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
77-0122 (cont'd)	RAS	Aug. 11	Aug. 21	discontinuous	south coasts of Bathurst, Devon and Cornwallis islands	
77-0124	RIS	Mar. NS	May NS	discontinuous	Admiralty Inlet; Barrow Strait; Lancaster Sound; Peel Sound; Prince Regent Inlet	
77-0125	Shore watch	June 01	June 30	scans every 0.5 h for 48-56 h periods separated by 24 h, then 3- or 6-h spot checks	Aston Bay (73°43'N, 95°20'W)	
	RAS	June 25	June 25	continuous	Aston Bay (73°43'N, 95°20'W)	
78-0102	Trader's records	July 01, 1978	June 30, 1979	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
78-0106	RAS	Mar. 15	Mar. 16	NS	Lancaster Sound	
	RAS	Apr. 18	Apr. 18	continuous	Lancaster Sound	
	RAS	Apr. 20	Apr. 20	continuous	Lancaster Sound	
78-0107	RIS	Mar. NS	June NS	discontinuous	Gulf of Boothia; Lord Mayor Bay; Pelly Bay; Thom Bay	
78-0108	SAS	May 04	May 07	NS	Lancaster Sound	
	RAS	May 04	May 07	NS	Lancaster Sound	
	SAS	May 08	May 14	NS	Lancaster Sound	
	RAS	May 08	May 14	NS	Lancaster Sound	
	SAS	May 15	May 18	NS	Lancaster Sound	
	RAS	May 15	May 18	NS	Lancaster Sound	
	SAS	May 22	May 24	NS	Lancaster Sound	
	RAS	May 22	May 24	NS	Lancaster Sound	
	SAS	May 29	June 02	NS	Lancaster Sound	
	RAS	May 29	June 02	NS	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
78-0108	SAS	June 08	June 10	NS	Lancaster Sound	
(cont'd)	RAS	June 08	June 10	NS	Lancaster Sound	
	SAS	June 12	June 16	NS	Lancaster Sound	
	RAS	June 12	June 16	NS	Lancaster Sound	
	SAS	June 19	June 23	NS	Lancaster Sound	
	RAS	June 19	June 23	NS	Lancaster Sound	
	SAS	June 26	June 30	NS	Lancaster Sound	
	RAS	June 26	June 30	NS	Lancaster Sound	
	SAS	July 03	July 08	NS	Lancaster Sound	
	RAS	July 03	July 08	NS	Lancaster Sound	
	SAS	July 10	July 11	NS	Lancaster Sound	
	RAS	July 10	July 11	NS	Lancaster Sound	
	SAS	July 18	July 18	continuous	Lancaster Sound	
	RAS	July 19	July 19	continuous	Lancaster Sound	
	SAS	July 21	July 26	NS	Lancaster Sound	
	RAS	July 21	July 26	NS	Lancaster Sound	
	Shore watch	July 28	Aug. 09	continuous during specified time periods	8 km west of Cape Hay	
	SAS	July 28	Aug. 02	NS	Lancaster Sound	
	RAS	July 28	Aug. 02	NS	Lancaster Sound	
	SAS	Aug. 11	Aug. 15	NS	Lancaster Sound	
	RAS	Aug. 11	Aug. 15	NS	Lancaster Sound	
	SAS	Aug. 21	Aug. 25	NS	Lancaster Sound	
	RAS	Aug. 21	Aug. 25	NS	Lancaster Sound	
	SAS	Aug. 24	Aug. 24	continuous	Admiralty Inlet; Strathcona Sound	
	SAS	Aug. 26	Aug. 30	NS	Lancaster Sound	
	RAS	Aug. 26	Aug. 30	NS	Lancaster Sound	
	SAS	Sep. 03	Sep. 09	NS	Lancaster Sound	
	RAS	Sep. 03	Sep. 09	NS	Lancaster Sound	
	SAS	Sep. 10	Sep. 14	NS	Lancaster Sound	
	RAS	Sep. 10	Sep. 14	NS	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
78-0108 (cont'd)	RAS	Sep. 13	Sep. 13	continuous	Lancaster Sound-Dundas Harbour-Croker Bay-Cuming Inlet-Powell Inlet-Burnett Inlet-Stratton Inlet-Hobhouse Inlet-Maxwell Bay-Radstock Bay-Gascoyne Inlet-Lancaster Sound	
	RAS	Sep. 14	Sep. 14	continuous	Lancaster Sound-Dundas Harbour-Croker Bay-Cuming Inlet-Powell Inlet-Burnett Inlet-Stratton Inlet-Hobhouse Inlet-Maxwell Bay-Radstock Bay-Gascoyne Inlet-Lancaster Sound	
	SAS	Sep. 18	Sep. 22	NS	Lancaster Sound	
	RAS	Sep. 18	Sep. 22	NS	Lancaster Sound	
	SAS	Sep. 23	Sep. 27	NS	Lancaster Sound	
	RAS	Sep. 23	Sep. 27	NS	Lancaster Sound	
	SAS	Sep. 29	Sep. 29	continuous	Lancaster Sound-Croker Bay-Lancaster Sound	
	SAS	Sep. 30	Oct. 04	NS	Lancaster Sound	
	RAS	Sep. 30	Oct. 04	NS	Lancaster Sound	
	SAS	Oct. 07	Oct. 10	NS	Lancaster Sound	
	RAS	Oct. 07	Oct. 10	NS	Lancaster Sound	
79-0067	SAS	May 09	May 09	continuous	Lancaster Sound	
	RAS	May 09	May 09	continuous	Lancaster Sound	
	SAS	May 12	May 15	NS	Lancaster Sound	
	RAS	May 12	May 15	NS	Lancaster Sound	
	SAS	May 17	May 22	NS	Lancaster Sound	
	RAS	May 17	May 22	NS	Lancaster Sound	
	SAS	May 24	May 25	NS	Lancaster Sound	
	SAS	June 01	June 01	continuous	Lancaster Sound	
	RAS	June 01	June 01	continuous	Lancaster Sound	
	SAS	June 10	June 14	NS	Lancaster Sound	
	RAS	June 10	June 14	NS	Lancaster Sound	
	SAS	June 19	June 23	NS	Lancaster Sound	
	RAS	June 19	June 23	NS	Lancaster Sound	
	SAS	June 28	July 02	NS	Lancaster Sound	
	RAS	June 28	July 02	NS	Lancaster Sound	
	SAS	July 09	July 15	NS	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
79-0067 (cont'd)	RAS	July 09	July 15	NS	Lancaster Sound	
	RAS	July 22	July 22	continuous	Lancaster Sound-Croker Bay-Lancaster Sound	
79-0104	Trader's records	July 01, 1979	June 30, 1980	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
79-0106	RVS	Sep. 21	Sep. 22	continuous (during daylight hours)	Lancaster Sound	
		Sep. 22	Sep. 23	continuous (during daylight hours)	Barrow Strait	
		Sep. 23	Sep. 25	continuous (during daylight hours)	Viscount Melville Sound	
		Sep. 26	Sep. 26	continuous (during daylight hours)	Prince of Wales Strait	
79-0109	Shore watch	June 25	June 27	total hours per day given	73°45'N, 80°25'W	
	Shore watch	June 29	July 13	total hours per day given; 24 hours per day for July 01, 02, 03, 07, 08, 12 and 13	73°45'N, 80°25'W	
	Shore watch	July 21	July 21	two hours	73°45'N, 80°25'W	
	Shore watch	July 31	July 31	five hours	73°45'N, 80°25'W	
79-0110	SAS	Sep. 11	Sep. 13	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 11	Sep. 13	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 18	Sep. 21	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 18	Sep. 21	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	RAS	Sep. 19	Sep. 19	continuous	Barrow Strait; Lancaster Sound	
	RAS	Sep. 20	Sep. 20	continuous	Barrow Strait; Lancaster Sound	
	SAS	Sep. 24	Sep. 26	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Sep. 24	Sep. 26	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Sep. 28	Sep. 29	NS	Admiralty Inlet; Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
79-0110	RAS	Sep. 28	Sep. 29	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
(cont'd)	RAS	Oct. 01	Oct. 01	continuous	Lancaster Sound	
	RAS	Oct. 02	Oct. 02	continuous	Lancaster Sound	
	SAS	Oct. 04	Oct. 05	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Oct. 04	Oct. 05	NS	Admiralty Inlet; Croker Bay; Lancaster Sound	
	SAS	Oct. 16	Oct. 17	NS	Admiralty Inlet; Lancaster Sound	
	RAS	Oct. 16	Oct. 17	NS	Lancaster Sound	
79-0111	SAS	Aug. 17	Aug. 17	continuous	Lancaster Sound	
	RAS	Aug. 17	Aug. 17	NS	Barrow Strait; Peel Sound	
	RAS	Aug. 17	Aug. 18	NS	Creswell Bay; Prince Regent Inlet	
	RAS	Aug. 17	Aug. 20	NS	Barrow Strait; Cunningham Inlet; Peel Sound; Radstock Bay	
	SAS	Aug. 18	Aug. 18	continuous	Prince Regent Inlet	
	SAS	Aug. 18	Aug. 18	continuous	Barrow Strait	
	RAS	Aug. 20	Aug. 20	continuous	Barrow Strait; Maxwell Bay	
	SAS	Aug. 30	Aug. 30	continuous	Bernier Bay; Gulf of Boothia	
	RAS	Aug. 30	Aug. 30	continuous	Barrow Strait	
	RAS	Aug. 30	Sep. 04	NS	Autridge Bay; Bernier Bay; Creswell Bay; Fury & Hecla Strait; Gulf of Boothia	
	RAS	Sep. 03	Sep. 03	continuous	Barrow Strait; Lancaster Strait	
	SAS	Sep. 03	Sep. 03	continuous	Admiralty Inlet	
	RAS	Sep. 03	Sep. 03	continuous	Adams Sound; Admiralty Inlet; Baillarge Bay; Strathcona Sound	
	SAS	Sep. 04	Sep. 04	continuous	Prince Regent Inlet	
	SAS	Sep. 04	Sep. 04	continuous	Barrow Strait	
	RAS	Sep. 04	Sep. 04	continuous	Barrow Strait	
79-0122	RIS	Apr. NS	May NS	discontinuous	Admiralty Inlet; Lancaster Sound; Maxwell Bay	
80-0024	SAS	June 21	June 21	continuous	Prince of Wales Strait; Viscount Melville Sound	
	SAS	June 22	June 22	continuous	Hadley Bay; Viscount Melville Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
80-0024 (cont'd)	SAS	June 23	June 23	continuous	Liddon Gulf; M'Clure Strait; Viscount Melville Sound	
	SAS	June 24	June 24	continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	June 25	June 25	continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	July 01	July 01	continuous	Barrow Strait; Peel Sound	
	SAS	July 02	July 02	continuous	Barrow Strait	
	SAS	July 03	July 03	continuous	Baring Channel; Barrow Strait; Peel Sound	
	SAS	July 05	July 05	continuous	Barrow Strait	
	SAS	July 07	July 07	continuous	Prince of Wales Strait; M'Clure Strait	
80-0095	Trader's records	July 01, 1980	June 30, 1981	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
80-0097	RAS	June 25	June 25	continuous on lines	2 lines in Klengenberg Bay; 1 line in Basil Bay; 5 lines in Coronation Gulf	
80-0103	RAS	July 30	July 30	continuous	NS	
	RAS	July 31	July 31	continuous	NS	
	RAS	Aug. 08	Aug. 08	continuous	NS	
80-0108	RIS	Mar. 30	Apr. 12	variable	Bridport Inlet (74°55'N, 108°30'W); Viscount Melville Sound	
80-0109	Shore watch	July 16	Aug. 13	8 h per day	Cunningham Inlet	
80-0111	RIS	Apr. 19	Apr. 19	one 10 min. session	Small inlet east arm of Maxwell Bay	
	RIS	Apr. 19	Apr. 19	one 10 min. session	west tip central peninsula Maxwell Bay	
	RIS	Apr. 19	Apr. 19	one 10 min. session	2 km east Cape William Herschel, Maxwell Bay	
	RIS	Apr. 23	Apr. 23	one 10 min. session	3 km northeast Griffith Is.	
	RIS	Apr. 24	Apr. 24	one 10 min. session	between Patrol Point and Waldegrove Bluff	
	RIS	Apr. 27	Apr. 27	one 10 min. session	26 km east Lowther Is.	
	RIS	Apr. 28	Apr. 28	two 10 min. sessions	2 km east Cape Liddon, Radstock Bay	
	RIS	May 13	May 13	one 10 min. session	1 km west of floe edge, Barrow Strait	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
80-0111 (cont'd)	RIS	May 13	May 13	one 10 min. session	8 km west of floe edge, Barrow Strait	
	RIS	May 13	May 13	one 10 min. session	16 km west of floe edge, Barrow Strait	
	RIS	May 13	May 13	one 10 min. session	24 km west of floe edge, Barrow Strait	
	RIS	May 13	May 13	one 10 min. session	32 km west of floe edge, Barrow Strait	
	RIS	May 13	May 13	one 10 min. session	40 km west of floe edge, Barrow Strait	
	RIS	May 13	May 13	one 10 min. session	48 km west of floe edge, Barrow Strait	
81-0097	Trader's records	July 01, 1981	June 31, 1982	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
81-0098	SAS	June 22	June 22	continuous	M'Clure Strait; Prince of Wales Strait	
	SAS	June 25	June 25	continuous	Viscount Melville Sound	
	SAS	June 26	June 26	continuous	M'Clintock Channel; Viscount Melville Sound	
	SAS	June 27	June 27	continuous	Liddon Gulf; M'Clure Strait; Prince of Wales Strait; Viscount Melville Sound	
	SAS	June 29	June 29	continuous	Viscount Melville Sound	
	SAS	July 03	July 03	continuous	Baring Channel; Barrow Strait	
	SAS	July 04	July 04	continuous	Barrow Strait; Peel Sound	
	SAS	July 05	July 05	continuous	Barrow Strait	
	SAS	July 06	July 06	continuous	Barrow Strait	
	SAS	July 07	July 07	continuous	Barrow Strait	
	SAS	July 09	July 09	continuous	Barrow Strait	
	SAS	July 10	July 10	continuous	Hadley Bay; Viscount Melville Sound	
81-0100	RAS	May 29	May 29	continuous	Lancaster Sound	
	RAS	June 05	June 05	continuous	Lancaster Sound	
	RAS	June 07	June 07	continuous	Lancaster Sound	
	RAS	June 09	June 09	continuous	Lancaster Sound	
	RAS	June 20	June 20	continuous	Lancaster Sound	
	RAS	July 03	July 03	continuous	Lancaster Sound?	
	SAS	July 05	July 05	continuous	Prince Regent Inlet	
	SAS	July 08	July 08	continuous	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
81-0100 (cont'd)	SAS	July 14	July 14	continuous	Barrow Strait; Cunningham Inlet; Garnier Bay; Prince Regent Inlet; Radstock Bay	
	SAS	Aug. 06	Aug. 06	continuous	Burnett Inlet; Lancaster Sound	
	SAS	Aug. 10	Aug. 10	continuous	Prince Regent Inlet	
	SAS	Aug. 14	Aug. 14	continuous	Barrow Strait; Cunningham Inlet; Garnier Bay; Prince Regent Inlet; Radstock Bay	
	RAS	Aug. 14	Aug. 14	continuous	NS	
81-0109	Shore watch	June 16	Aug. 16	8 h per day	Cunningham Inlet	
81-0110	Hunter interviews	Jan. 01	Dec. 31	continuous opportunities	Arctic Bay; Resolute Bay	
81-0111	RIS	Mar. 26	Mar. 26	10 min. session at each	2 km NE Cheyne Point, Griffith Island 24 km SE Griffith Island 48 km SSE Griffith Island	
	RIS	Mar. 27	Mar. 27	10 min. session at each	2 km W Browne Island 8 km E Lowther Island 10 km W Lowther Island 16 km SE Lowther Island 2 km E Cheyne Point, SE Griffith Island (20 minutes)	
	RIS	Mar. 30	Mar. 30	10 min. session at each	W inlet in E arm Maxwell Bay 5 km SE Cape William Herschel 3 km SW Maxwell Bay peninsula 1 km S Patrol Point, Radstock Bay 2 km E Cape Liddon, Radstock Bay	
	RIS	Mar. 31	Mar. 31	10 min. session at each	2 km S Moore Island, SE Bathurst Island 8 km SW Griffith Island	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
81-0111 (cont'd)	RIS	Apr. 01	Apr. 01	10 min. session at each	Between Resolute Bay and Cunningham Inlet	
					Mouth of Cunningham Inlet	
					4 km S Resolute Bay	
					8 km E Limestone Island, Somerset Island	
					5 km S Somerville Island	
					2 km N Dobell Point, Griffith Island	
	RIS	Apr. 10	Apr. 10	10 min. session	2 km S. Moore Island, SE Bathurst Island	
	RIS	Apr. 13	Apr. 13	10 min. session at each	5 km E Cape William Herschel	
					16 km S mouth Maxwell Bay	
					2 km E Cape Liddon	
	RIS	Apr. 27	Apr. 27		2 km S Moore Island	
					3 km S Resolute Bay	
					5 km E Lowther Island	
					6 km W Griffith Island	
					40 km SSE Resolute Bay	
					5 km E Lowther Island	
	RIS	Apr. 28	Apr. 28	10 min. session at each	3 km E Cape Liddon	
					2 km SW Cape Ricketts	
					2 km W Patrol Point	
	RIS	June 21	June 21	10 min. session at each	8 km SW Griffith Island	
					4 km S Moore Island	
					8 km E Lowther Island	
					2 km NE Cheyne Point, Griffith Island	
	RIS	June 29	June 29	10 min. session	2 km E Cape Liddon	
82-0011	SAS	July 01	July 01	continuous	Barrow Strait	
	SAS	July 02	July 02	continuous	Barrow Strait	
	SAS	July 03	July 03	continuous	Barrow Strait	
82-0092	Trader's records	July 01, 1982	June 30, 1983	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
82-0098	RAS	June NS	June NS	discontinuous	Lancaster Sound	
	RAS	July 04	July 04	continuous	Lancaster Sound	
	RAS	July 14	July 14	continuous	Lancaster Sound	
82-0104	Ice watch	June 26	June 30	continuous during specified time periods	along Admiralty Inlet ice edge	
	RAS	June 27	June 27	21:37-22:02	Admiralty Inlet	
	RAS	June 29	June 29	20:51-22:05	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	June 30	June 30	20:30-22:07	Admiralty Inlet-Lancaster Sound-Admiralty Inlet	
	RAS	July 04	July 04	continuous	Strathcona Sound-Admiralty Inlet	
82-0115	SAS	Oct. 10	Oct. 10	continuous on lines	4 lines Barrow Strait at longitudes 92°40', 93°20', 94°00' and 94°40'W	
	SAS	Oct. 12	Oct. 12	continuous on lines	4 lines Barrow Strait at longitudes 96°00', 96°40', 97°20' and 98°00'W	
	SAS	Oct. 14	Oct. 14	continuous on lines	6 lines Barrow Strait at longitudes 90°40', 91°20', 92°00', 92°40', 93°20' and 95°20'W	
82-0116	Shore watch	June 16	Aug. 16	8 h per day	Cunningham Inlet	
82-0121	Hunter interviews	Oct. NS, 1982	Dec. NS, 1983	continuous opportunities	Arctic Bay; Resolute Bay	
82-0122	Hunter interviews	Jan. 01	Dec. 31	continuous opportunities	Arctic Bay; Resolute Bay	
82-0123	RIS	Apr. 23	Apr. 23	20 min. session at each	3-8 km E Lowther Island 26 km E Lowther Island 2 km E Cheyne Point 2 km W Browne Island 6 km W Griffith Island 3-5 km S Somerville Island	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
82-0123 (cont'd)	RIS	Apr. 24	Apr. 24	20 min. session at each	10 km W Lowther Island 2 km S Moore Island mid S McDougall Sound 30 km W Aston Bay 20 km S Lowther Island 10 km S Lowther Island	
	RIS	Apr. 26	Apr. 26	20 min. session at each	15 km E Cape Hotham mouth Cunningham Inlet 2 km N Dobell Point Barrow Strait Barrow Strait Barrow Strait Barrow Strait	
	RIS	Apr. 27	Apr. 27	20 min. session at each	Maxwell Bay Maxwell Bay Maxwell Bay S Wellington Channel Radstock Bay SE Wellington Channel	
	RIS	Apr. 28	Apr. 28	20 min. session at each	3 km S Resolute Bay 8 km E Limestone Island mouth Aston Bay Aston Bay	
	RIS	Apr. 30	Apr. 30	20 min. session at each	Radstock Bay Radstock Bay	
83-0049	SAS	Aug. NS	Aug. NS	NS	Prince Regent Inlet	
83-0050	Shore watch	July 11	July 30	continuous when whales in area; one scan/h	73°27'N, 84°07'W	
	Shore watch	Aug. 04	Aug. 15	continuous	72°50'N, 86°42'W	
	SAS	Aug. 17	Aug. 17	continuous	Adams Sound; Admiralty Inlet (22 E-W lines)	
	SAS	Aug. 18	Aug. 18	continuous	Adams Sound; Admiralty Inlet (7 E-W lines); Lancaster Sound; Strathcona Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
83-0050 (cont'd)	RAS	Aug. 18	Aug. 18	continuous	Lancaster Sound	
83-0052	Shore watch, examination of collected specimens	June 17	Aug. 22	continuous at 8 h per day	Cunningham Inlet	
83-0055	RAS	June 17	June 17	13:47-15:03	Lancaster Sound	
	RAS	June 19	June 19	continuous	Lancaster Sound	
	RAS	June 20	June 20	continuous	Lancaster Sound	
	RAS	June 21	June 21	19:38-20:11	Lancaster Sound	
	Ice watch	June 21	June 22	continuous during specified time periods	Lancaster Sound	
	Ice watch	June 23	June 24	continuous during specified time periods	Lancaster Sound	
	RAS	June 23	June 23	10:37-11:38	Lancaster Sound	
	Ice watch	June 25	June 26	continuous during specified time periods	Lancaster Sound	
	RAS	June 25	June 25	10:59-11:49	Lancaster Sound	
	RAS	June 25	June 25	19:24-20:24	Lancaster Sound	
	RAS	June 26	June 26	09:22-10:57	Lancaster Sound	
	RAS	June 26	June 26	14:28-16:50	Lancaster Sound	
	Ice watch	June 27	July 02	continuous during specified time periods	Lancaster Sound	
	RAS	June 27	June 27	11:29-12:28	Lancaster Sound	
	RAS	June 29	June 29	15:43-16:55	Lancaster Sound	
	RAS	June 30	June 30	12:42-13:45	Lancaster Sound	
	RAS	July 01	July 01	12:35-14:25	Lancaster Sound	
	RAS	July 02	July 02	11:17-12:28	Lancaster Sound	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
83-0055 (cont'd)	Ice watch	July 03	July 04	continuous during specified time periods	Lancaster Sound	
	RAS	July 03	July 03	10:55-12:45	Lancaster Sound	
	RAS	July 06	July 06	16:28-18:25	Lancaster Sound	
	RAS	July 07	July 07	10:13-12:04	Lancaster Sound	
	RAS	July 08	July 08	continuous	Lancaster Sound	
	RAS	July 10	July 10	stopped at Cape Charles Yorke	Lancaster Sound	
83-0064	RAS	June 24	Aug. 03	discontinuous	Aston Bay; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	
83-0071	Trader's records	July 01, 1983	June 30, 1984	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
83-0072	Hunter interviews	Jan. 01	Dec. 31	continuous opportunities	Arctic Bay; Resolute Bay	
84-0024	SAS	June 24	June 24	continuous	Barrow Strait	
	SAS	June 25	June 25	continuous	Barrow Strait	
	SAS	June 26	June 26	continuous	Barrow Strait	
84-0025	SAS	Aug. NS	Sep. NS	NS	Peel Sound; Prince Regent Inlet	
84-0026	Shore watch	July 08	July 30	continuous when whales in area; one scan/h to detect if whales present	73°39.5'N, 85°01'W	
	Shore watch	Aug. 09	Aug. 11	continuous	72°46'N, 86°33'W	
	SAS	Aug. 21	Aug. 21	continuous	15 lines E-W Admiralty Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
84-0026	RAS	Aug. 22	Aug. 22	continuous	Admiralty Inlet	
(cont'd)	SAS	Aug. 23	Aug. 23	continuous	13 lines E-W Admiralty Inlet	
84-0027	RAS	NS	NS	NS	Aston Bay; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	
84-0028	RAS	Aug. 07	Sep. 06	NS	Admiralty Inlet; Lancaster Sound; Prince Regent Inlet	
	RVS	Aug. 13	Sep. 06	NS	Arctic Bay	
	RAS	Aug. 26	Aug. 29	NS	Admiralty Inlet	
84-0031	RAS	June 27	June 27	11:30-NS	Lancaster Sound	
	SAS	June 27	June 27	NS-14:15	Lancaster Sound	
	RAS	June 28	June 28	08:00-NS	Lancaster Sound	
	SAS	June 28	June 28	NS-10:00	Lancaster Sound	
	RAS	June 28	June 28	16:00-NS	Lancaster Sound	
	SAS	June 28	June 28	NS-18:00	Lancaster Sound	
	RAS	June 29	June 29	08:10-NS	Lancaster Sound	
	SAS	June 29	June 29	NS:10:15	Lancaster Sound	
	SAS	June 29	June 29	18:30-NS	Lancaster Sound	
	RAS	June 29	June 29	NS-20:30	Lancaster Sound	
	RAS	July 01	July 01	15:20-NS	Lancaster Sound	
	SAS	July 01	July 01	NS-17:20	Lancaster Sound	
	RAS	July 02	July 02	08:10-NS	Lancaster Sound	
	SAS	July 02	July 02	NS-10:00	Lancaster Sound	
84-0040	RIS	Mar. 15	Sep. 05	discontinuous	Barrow Strait in Resolute Bay area	
	Shore watch	Mar. 15	Sep. 05	discontinuous	Resolute Bay	
84-0041	RIS	Feb. NS	June NS	discontinuous	Barrow Strait	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
84-0042	Shore watch	June 16	Aug. 20	continuous at 8 h per day	Cunningham Inlet	
84-0053	Trader's records	July 01, 1984	June 30, 1985	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	
85-0022	RIS	Mar. 15	Sep. 05	discontinuous	Barrow Strait in Resolute Bay area	
	Shore watch	Mar. 15	Sep. 05	discontinuous	Resolute Bay area	
85-0023	SAS	June 13	June 13	continuous on line	3 lines W Barrow Strait	
	SAS	June 14	June 14	continuous on lines	8 lines central Barrow Strait	
	SAS	June 15	June 15	continuous on lines	3 lines E Barrow Strait	
85-0024	SAS	Aug. 13	Aug. 13	continuous on lines	12 E-W lines Admiralty Inlet	
	SAS	Aug. 14	Aug. 14	continuous on lines	18 E-W lines Admiralty Inlet	
85-0025	SAS	Aug. 13	Aug. 13	continuous on lines	12 E-W lines Admiralty Inlet	
	SAS	Aug. 14	Aug. 14	continuous on lines	18 E-W lines Admiralty Inlet	
	SAS	Aug. 20	Aug. 20	continuous on lines	4 E-W lines Prince Regent Inlet, 2 extending into Creswell Bay, and 9 lines Peel Sound	
	SAS	Aug. 21	Aug. 21	continuous on lines	5 lines N Prince Regent Inlet	
	RAS	Aug. NS	Aug. NS	continuous	Barrow Strait-Peel Sound-Creswell Bay	
85-0026	RIS	Feb. NS	June NS	discontinuous	Barrow Strait	
85-0027	RAS	June 15	July 03	discontinuous	Aston Bay; Barrow Strait; Bellot Strait; Creswell Bay; Cunningham Inlet; Lancaster Sound; Maxwell Bay; Peel Sound; Prince Regent Inlet; Radstock Bay	
85-0028	Shore watch	June 12	Aug. 12	continuous for 8 h per day	Cunningham Inlet	

TABLE 3 (cont'd)

DATA SET I.D.	METHOD	TIME SAMPLED			GEOGRAPHIC LOCATION	REMARKS
		START	STOP	INTERVAL		
85-0038	Trader's records	July 01, 1985	June 30, 1986	continuous opportunities	Arctic Bay; Bathurst Inlet; Cambridge Bay; Coppermine; Gjoa Haven; Pelly Bay; Resolute Bay; Spence Bay	

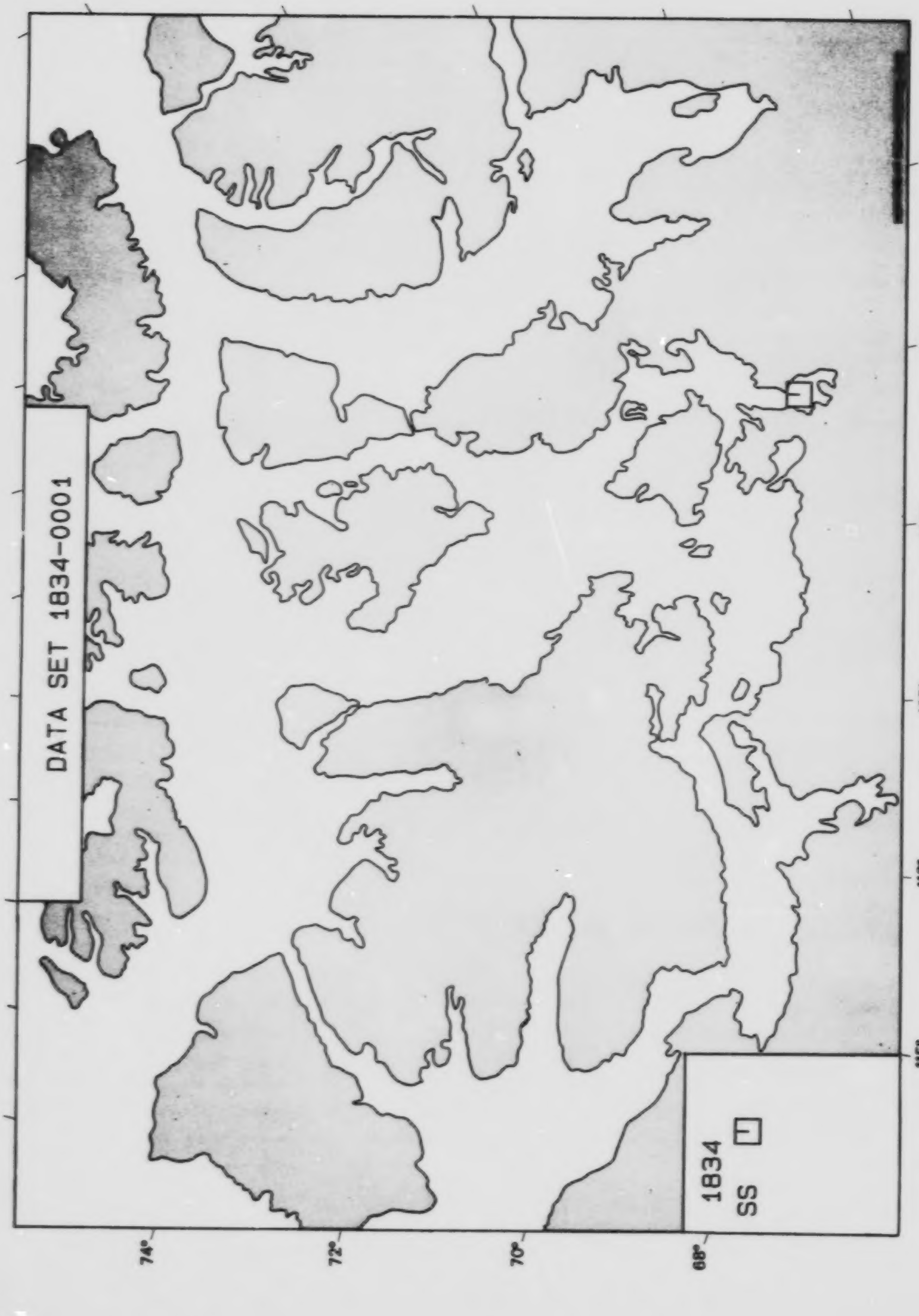
9. MAPS

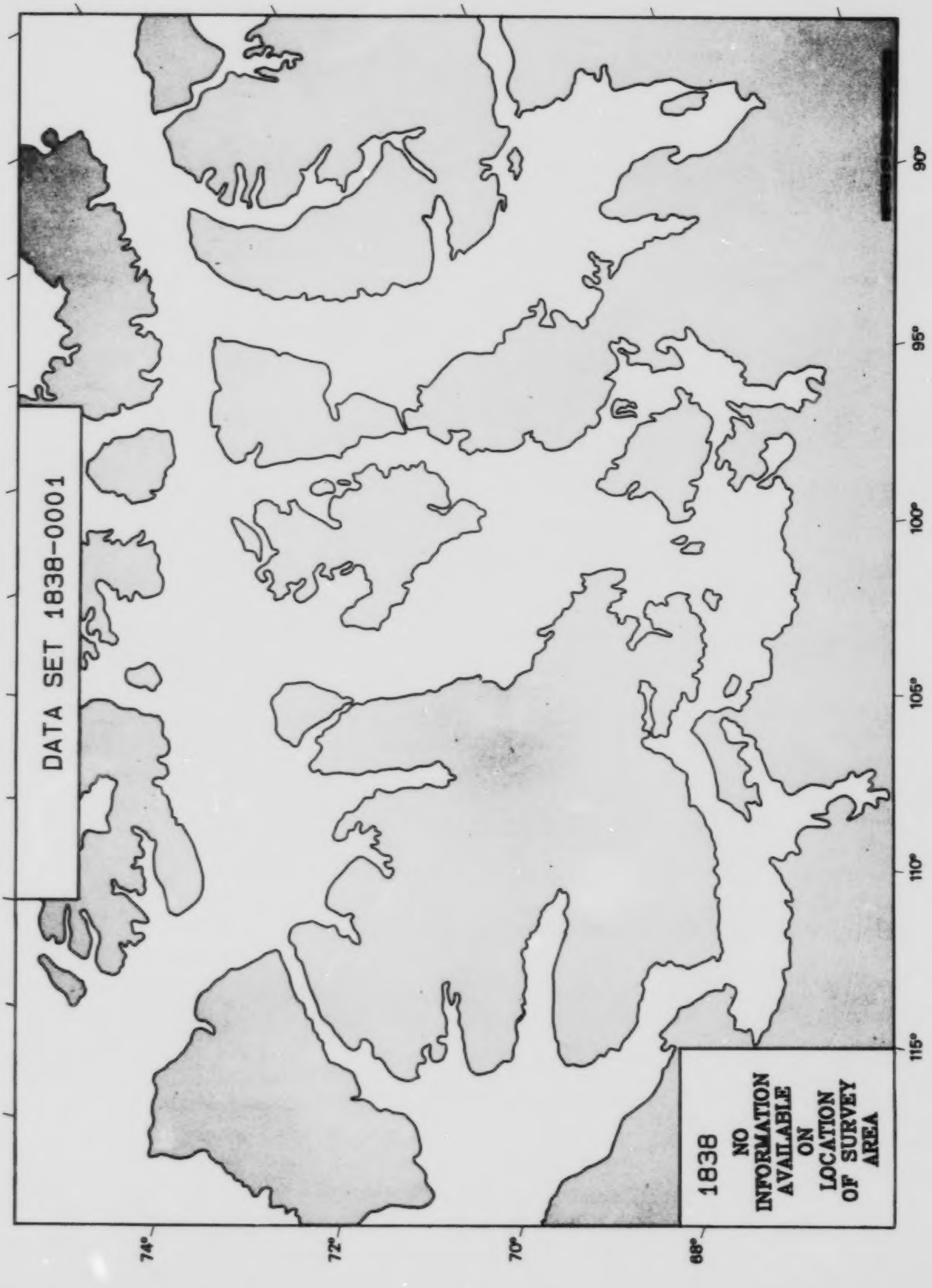
The locations of pinniped measurements are plotted on a series of maps. The base map is a Lambert Conformal Conic projection, drawn to a scale of 1:7 000 000. The maps are organized by data set number, starting with the earliest. The year of the study and method are indicated in the legend.

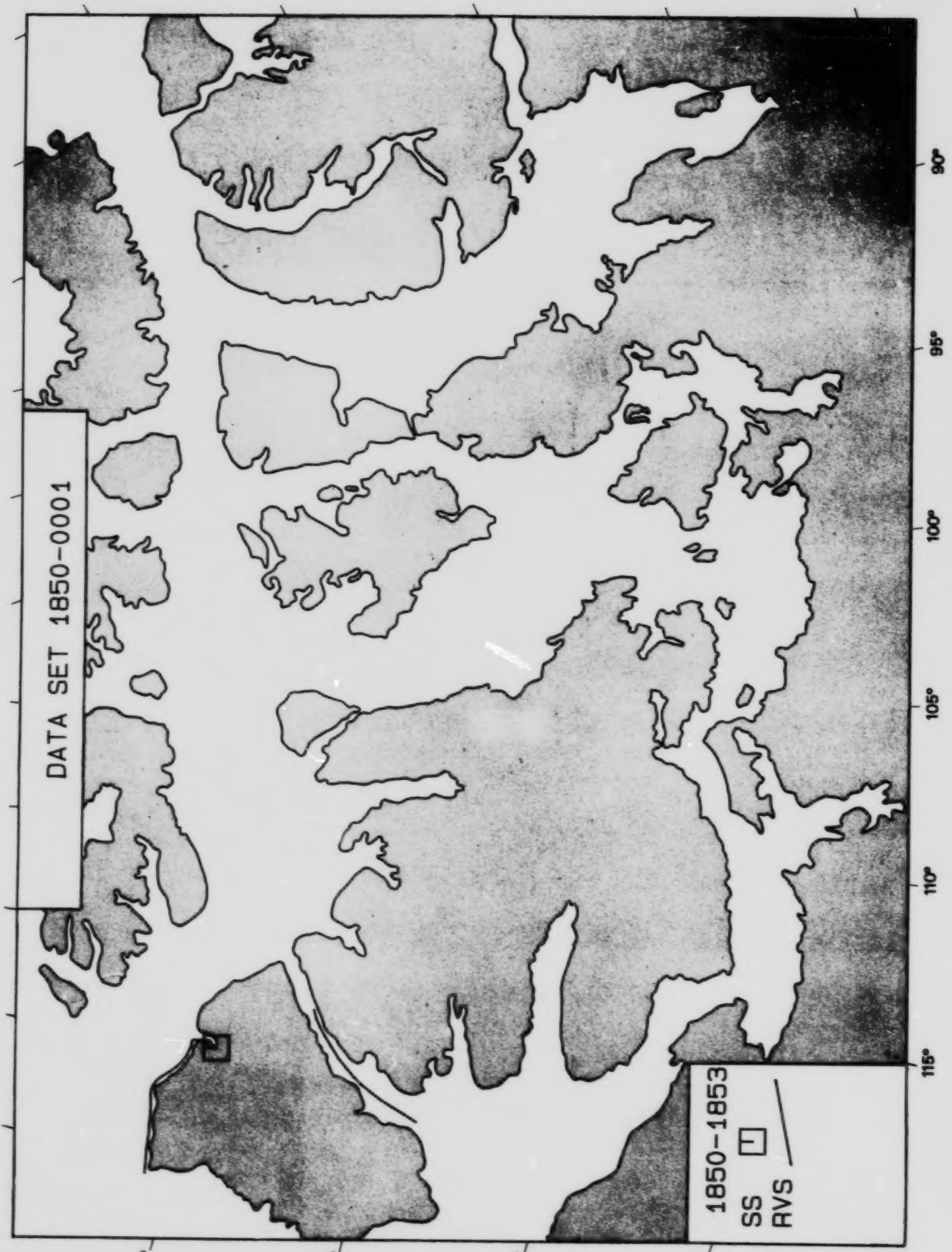
If only the general area sampled is known, approximate boundaries are indicated and the area enclosed shown with a "?". If no information on sampling location is available, this is simply written in the legend.

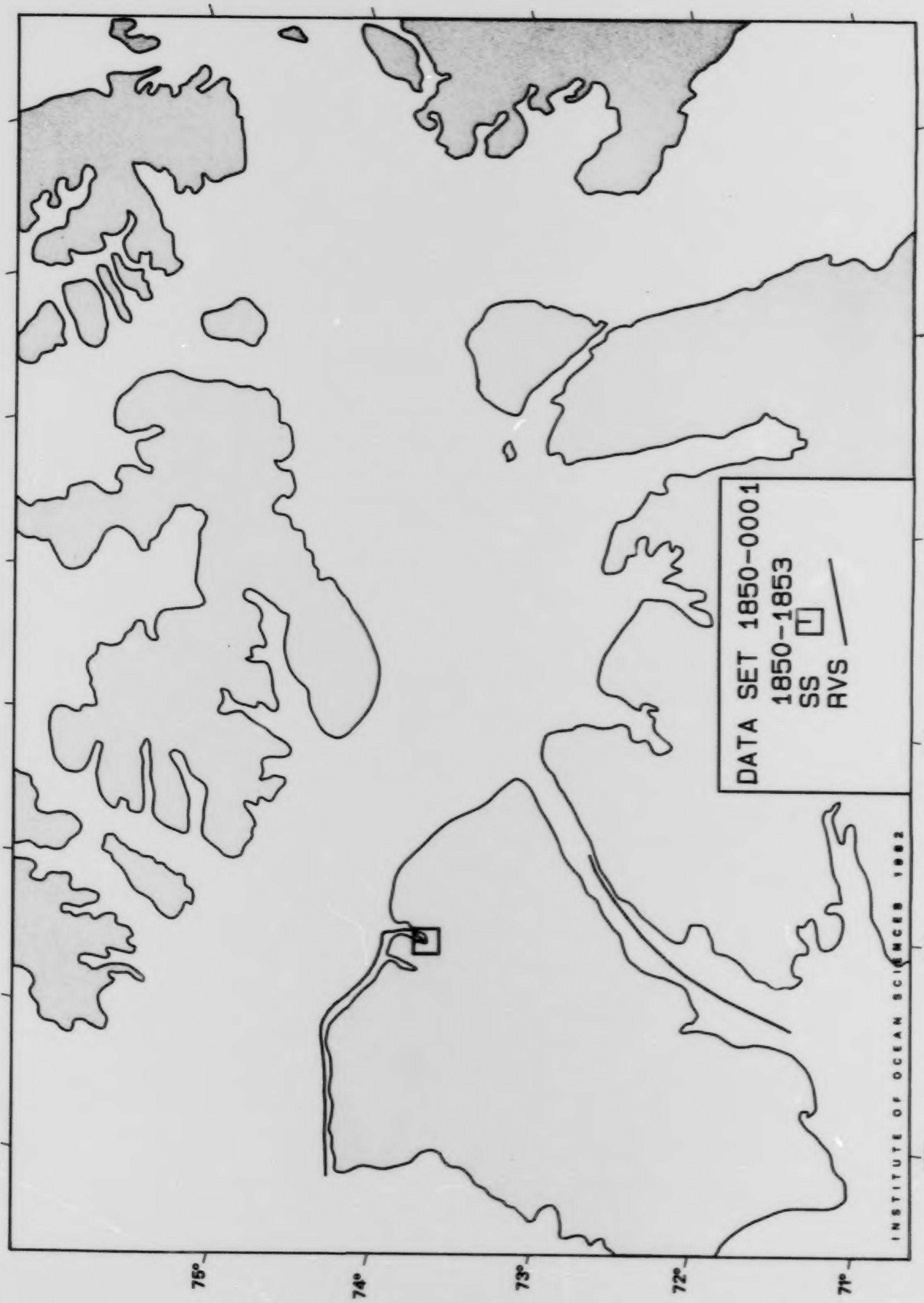
Different map symbols are used to show cases where more than one method was used, and explained in the Legend. Abbreviations used there are as follows:

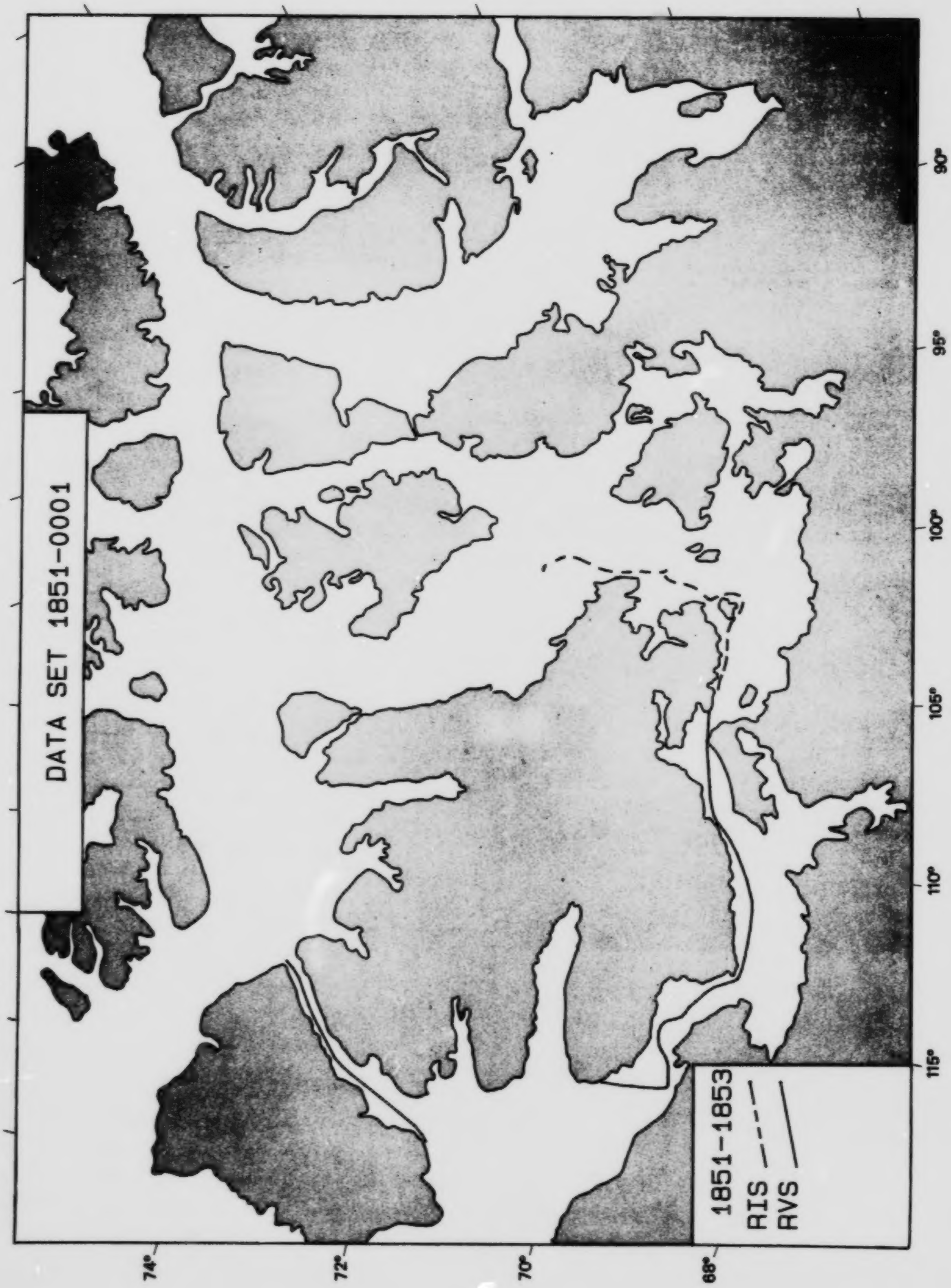
RVS	Reconnaissance Vessel Survey
RAS	Reconnaissance Aerial Survey
RIS	Reconnaissance Ice Survey
SAS	Systematic Aerial Survey
IW	Ice Watch
SS	Site specific (can be for Hunter Interviews, Incidental Reports, Trader's Records, Shore Watch or Examination of Collected Specimen)

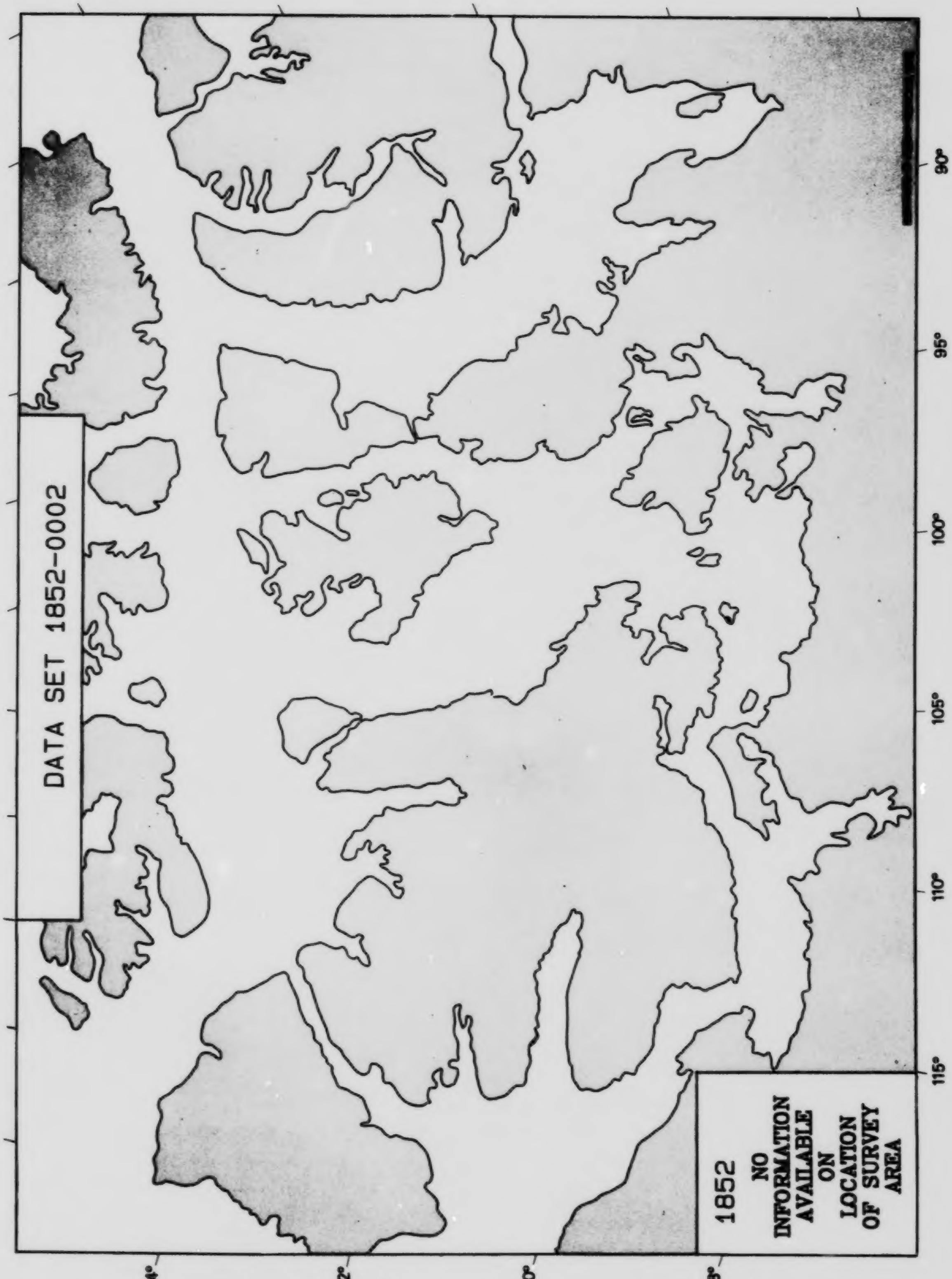

DATA SET 1834-0001
1834
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

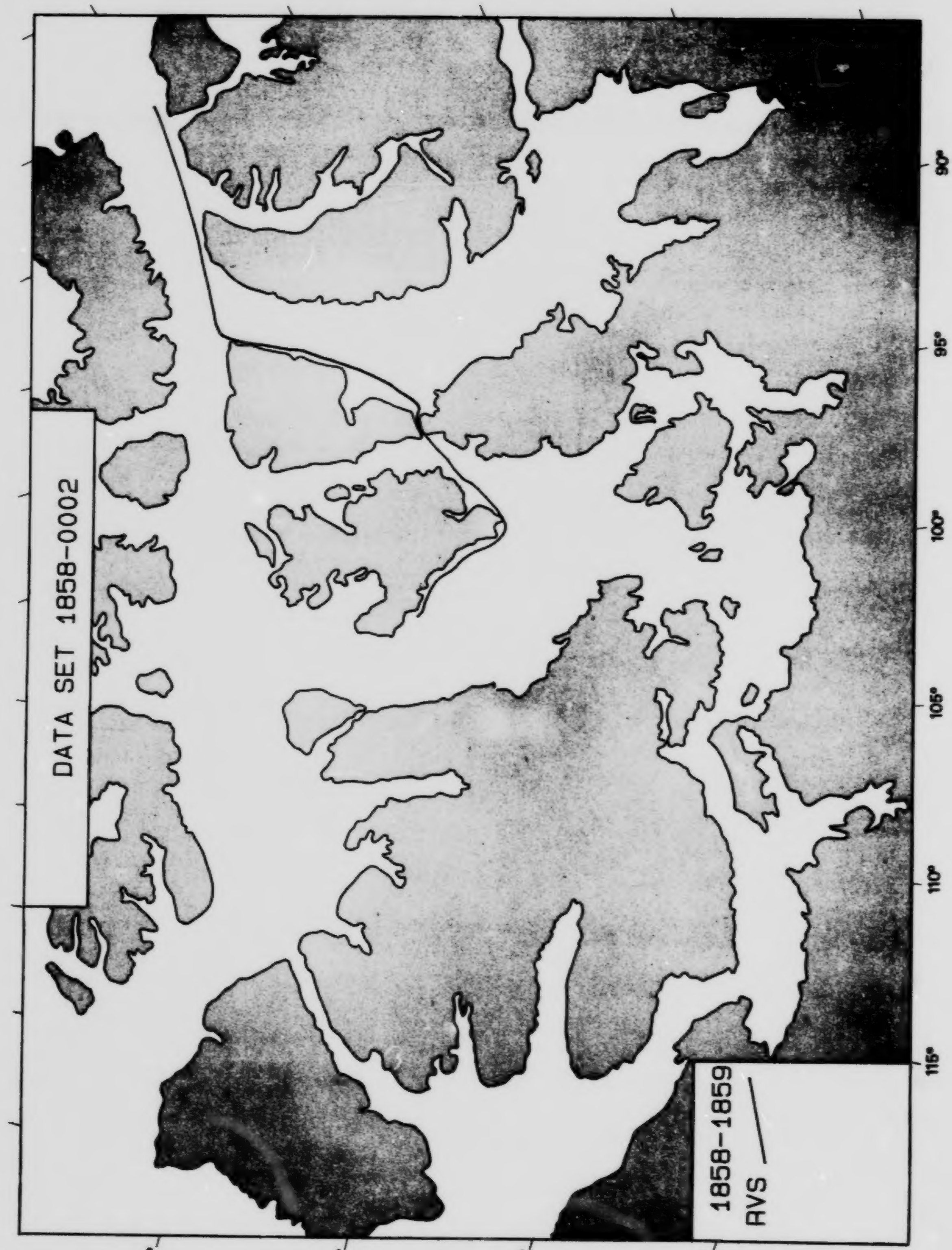

DATA SET 1838-0001
1838
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

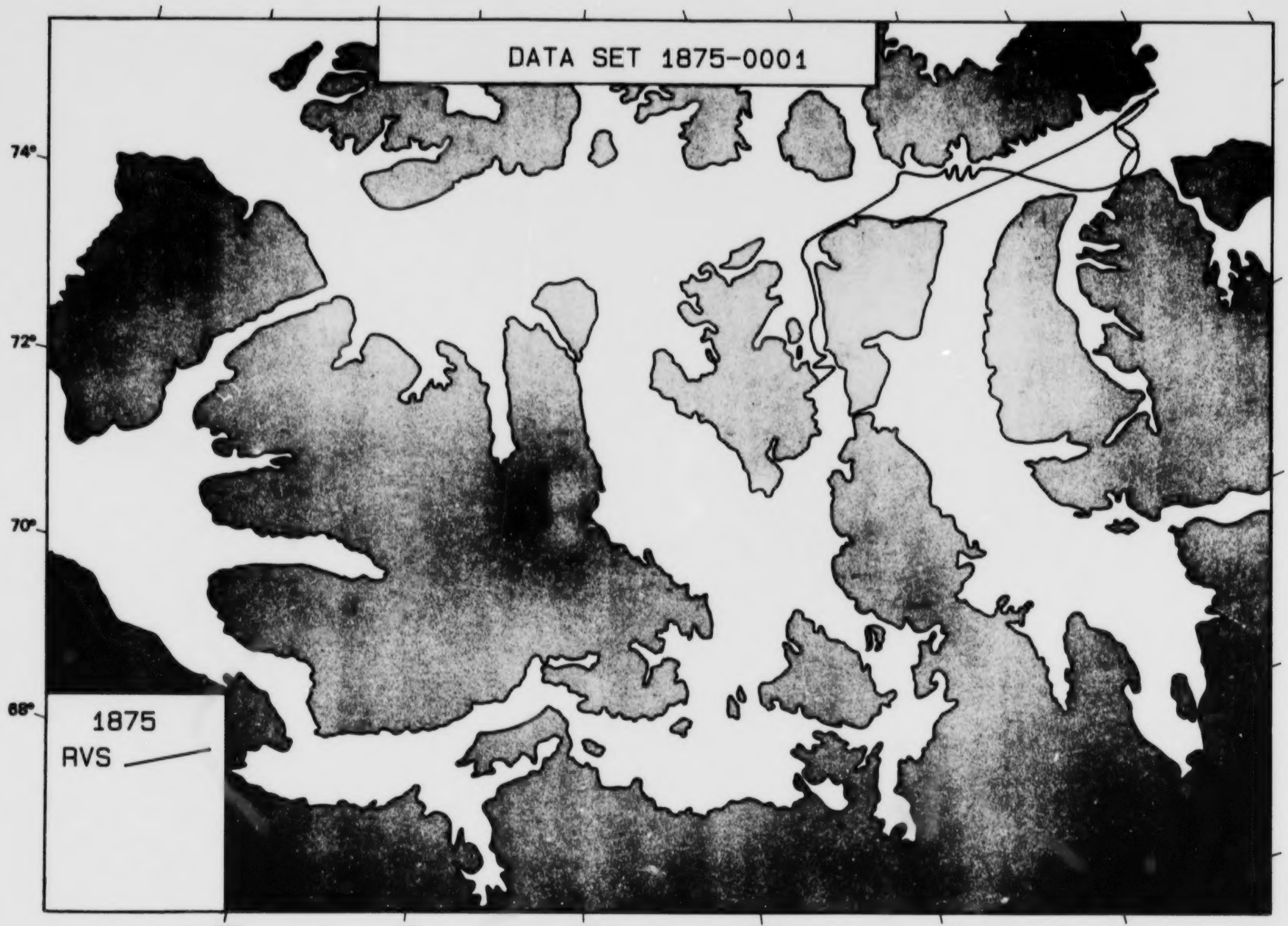

DATA SET 1850-0001
1850-1853
SS
RVS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
]

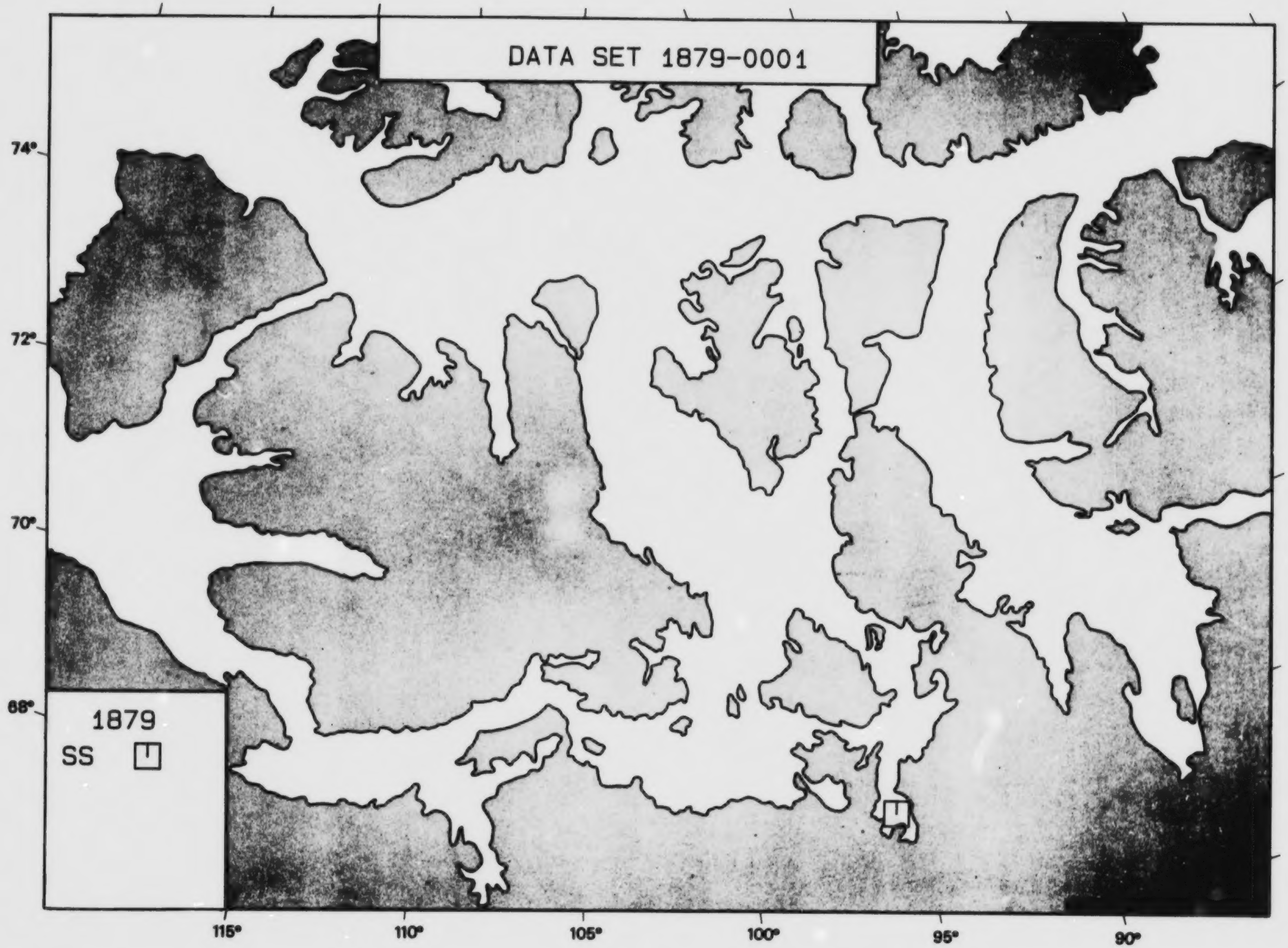

DATA SET 1850-0001
1850-1853
SS
RVS
INSTITUTE OF OCEAN SCIENCES 1982
75°
74°
73°
72°
71°
122°
118°
114°
110°
106°
102°

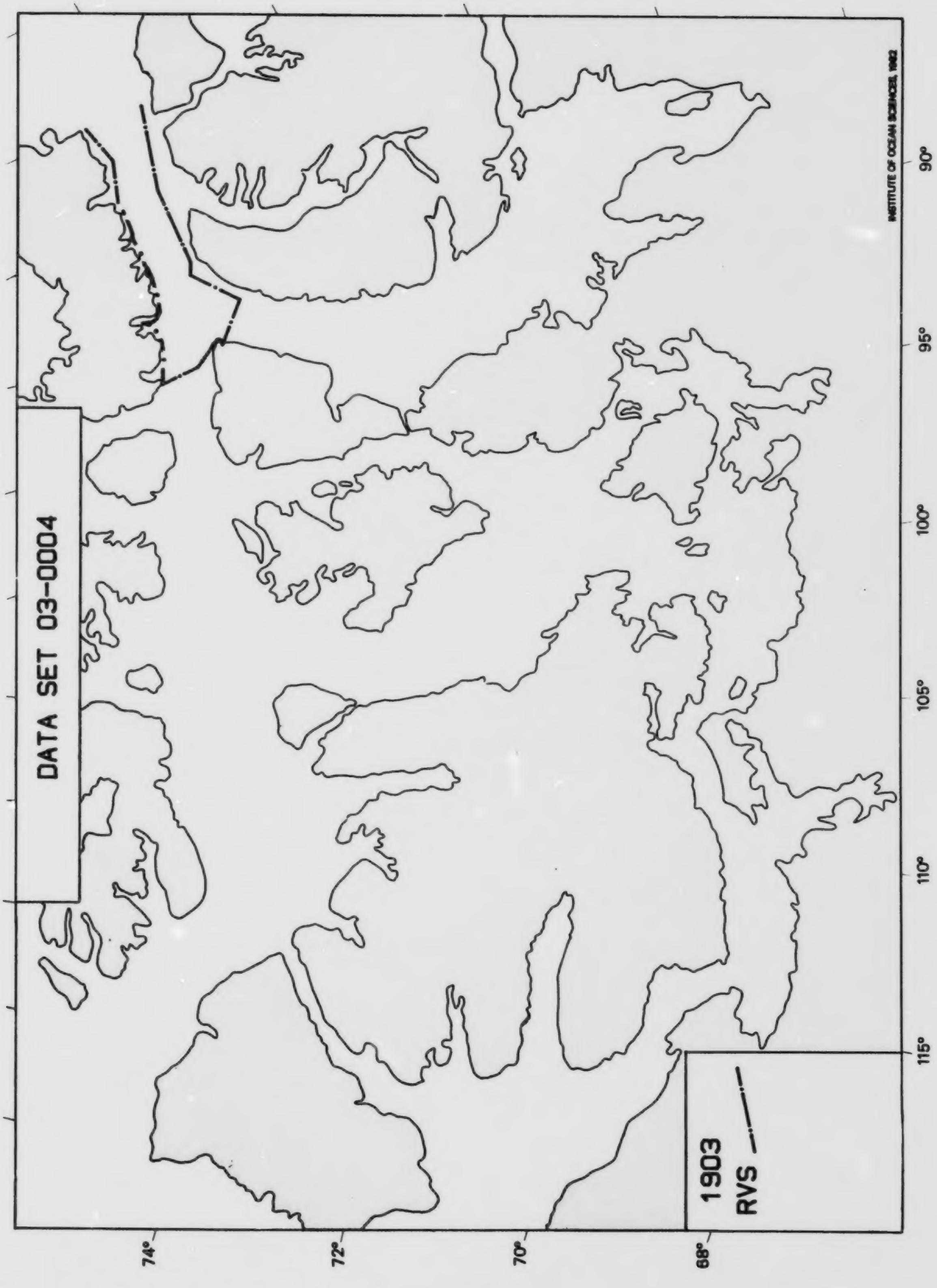

DATA SET 1851-0001
1851-1853
RIS
RVS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°


DATA SET 1852-0002
1852
NO
INFORMATION
AVAILABLE
ON
LOCATION
OF SURVEY
AREA
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°


DATA SET 1858-0002
1858-1859
RVS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

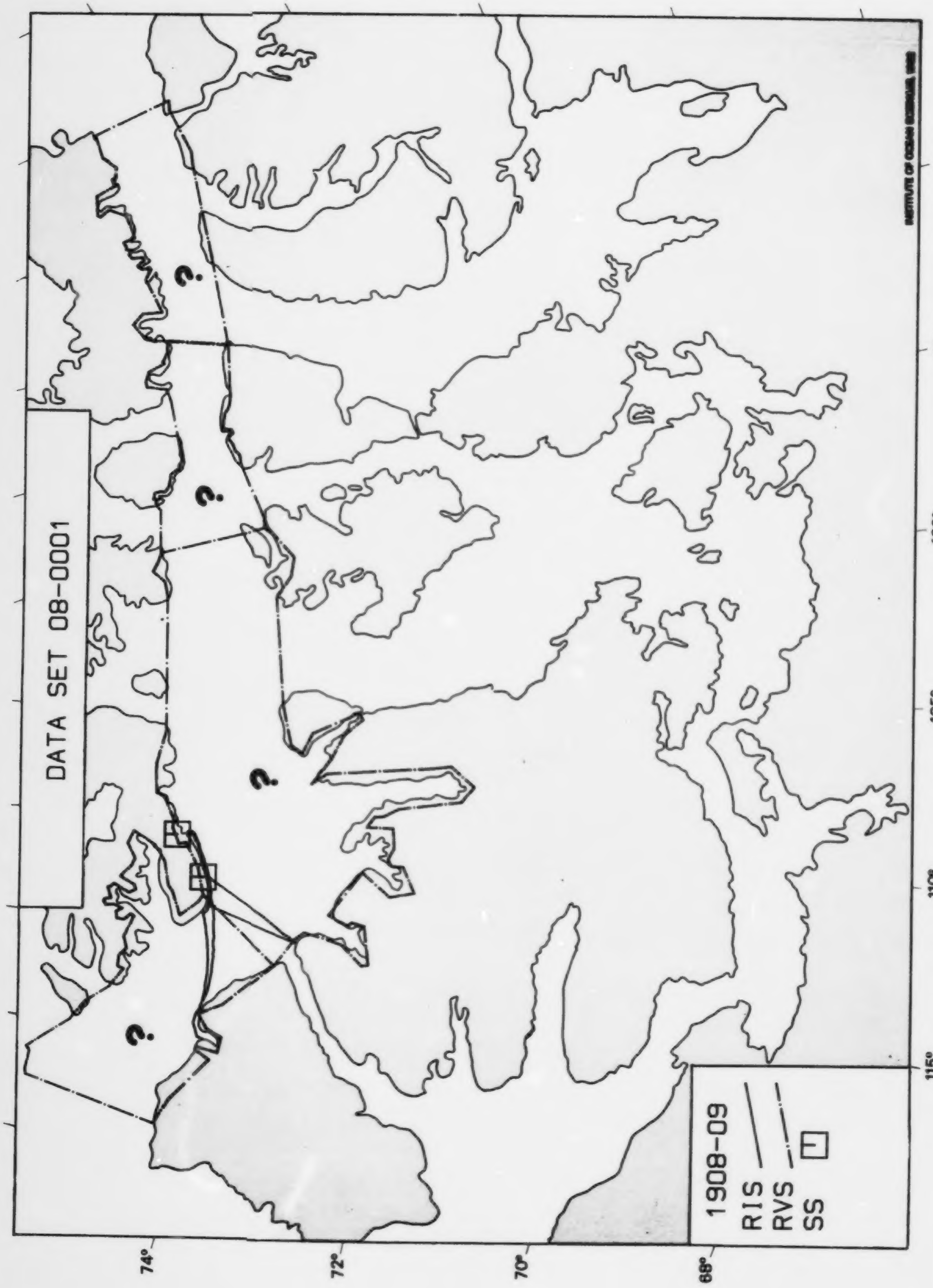

DATA SET 1875-0001
1875
RVS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

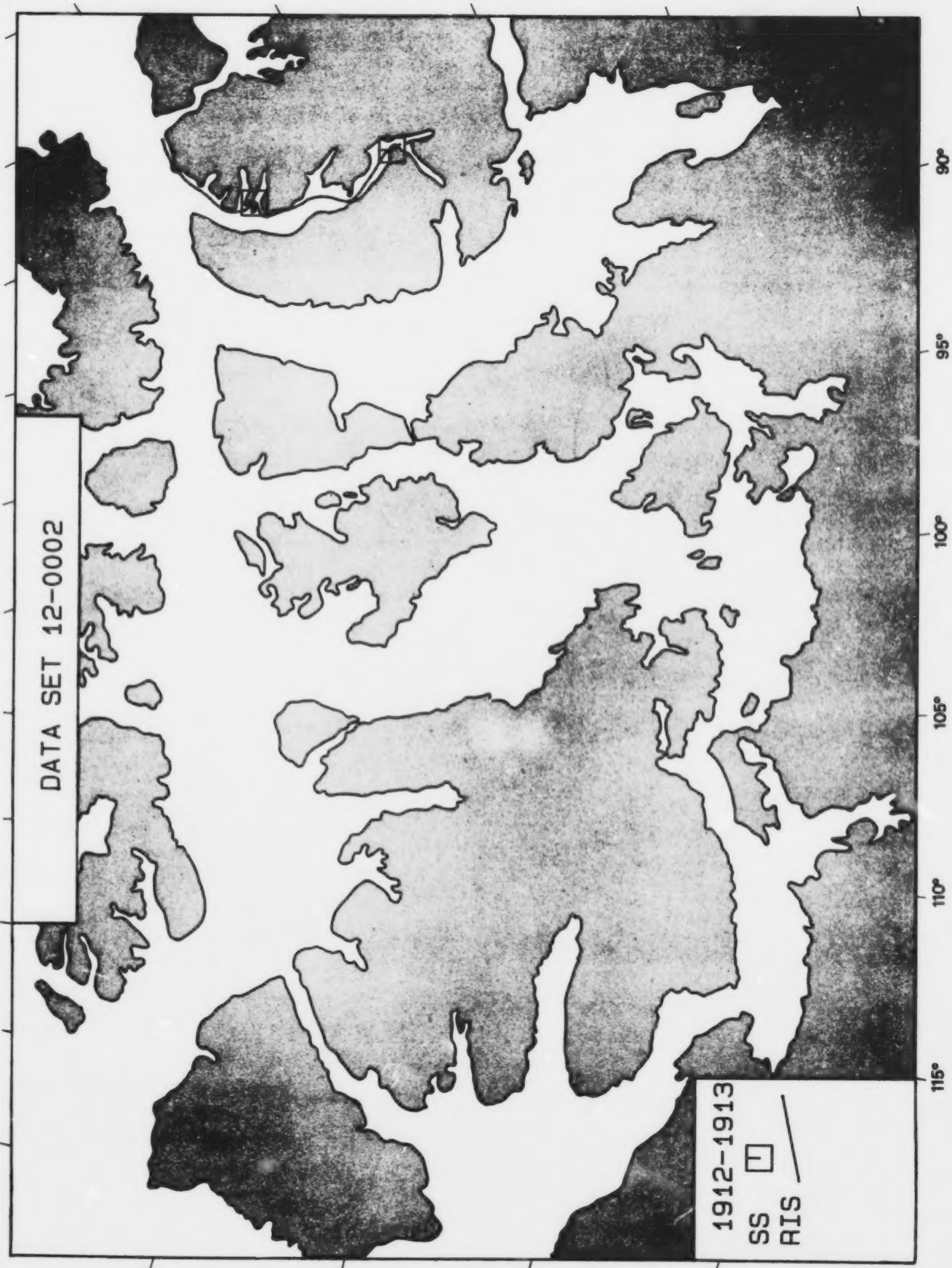

DATA SET 1879-0001
1879
SS ☐
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

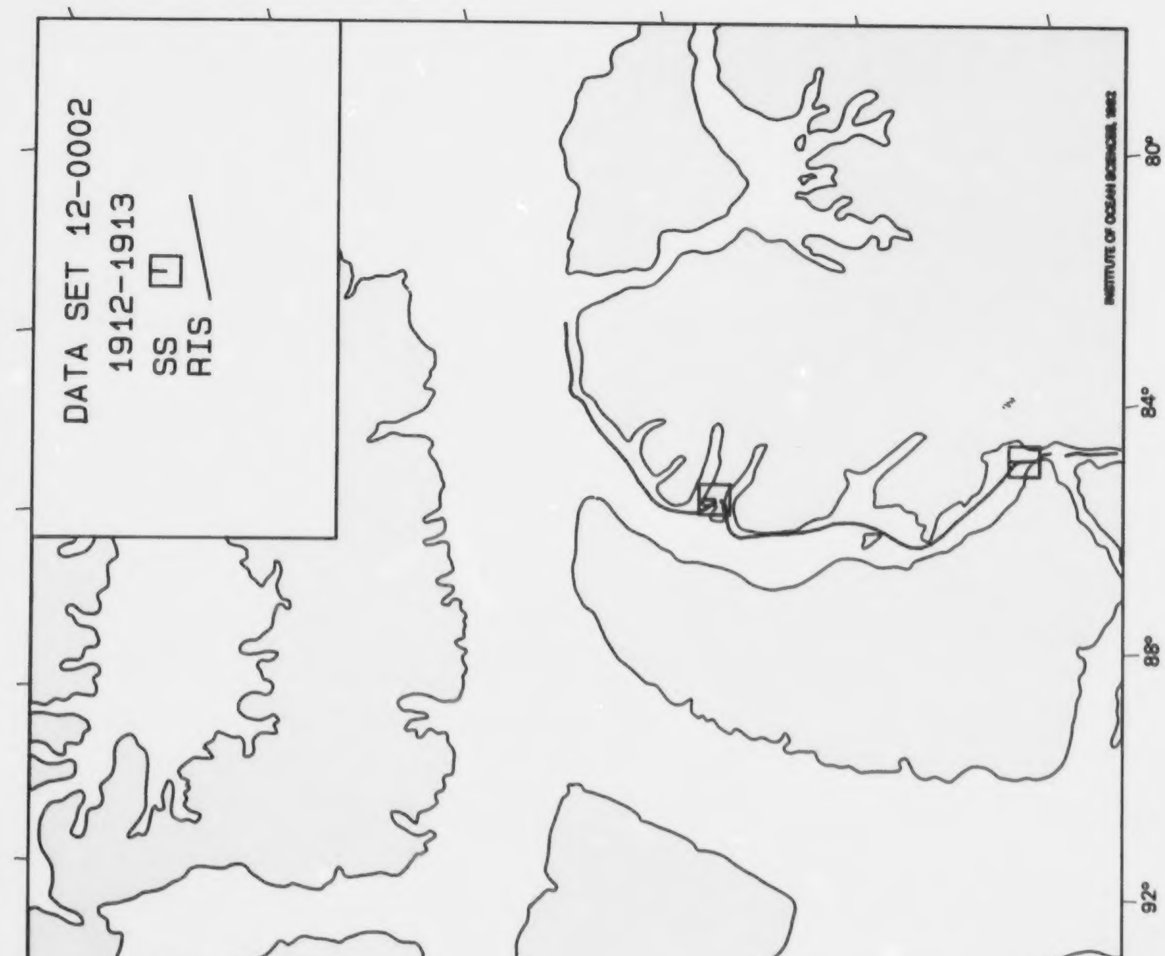


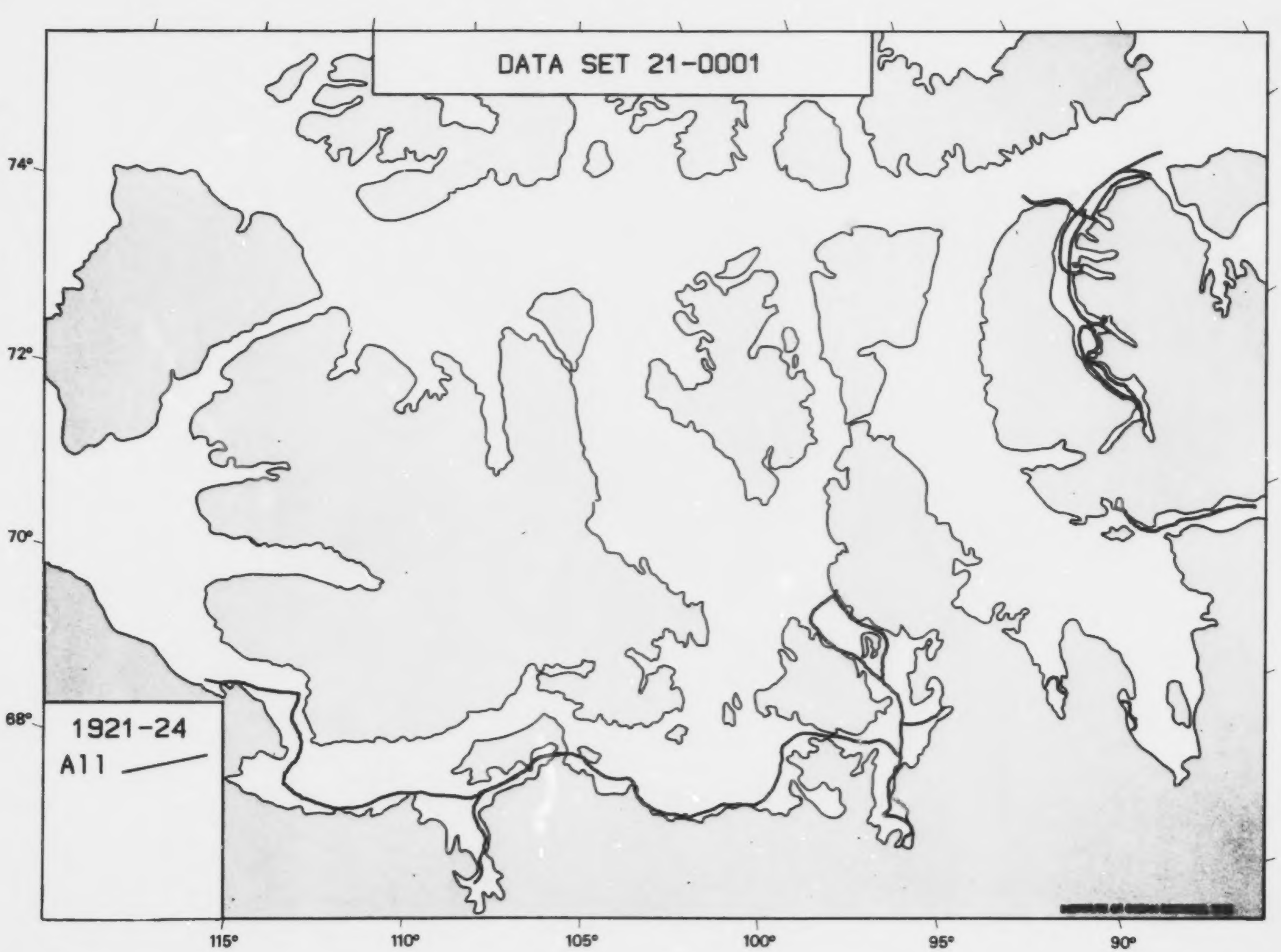
DATA SET 03-0004

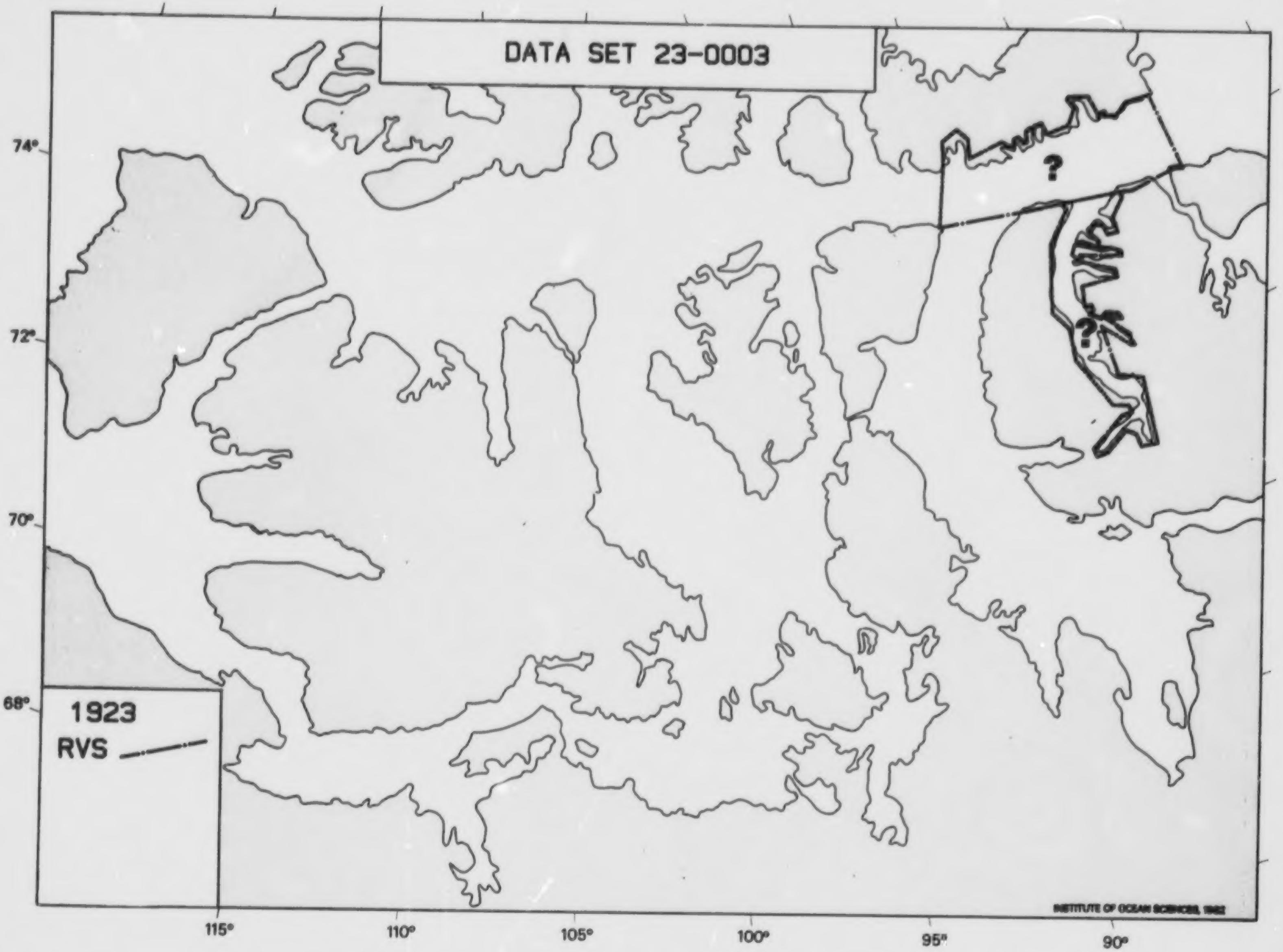
1903
RVS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

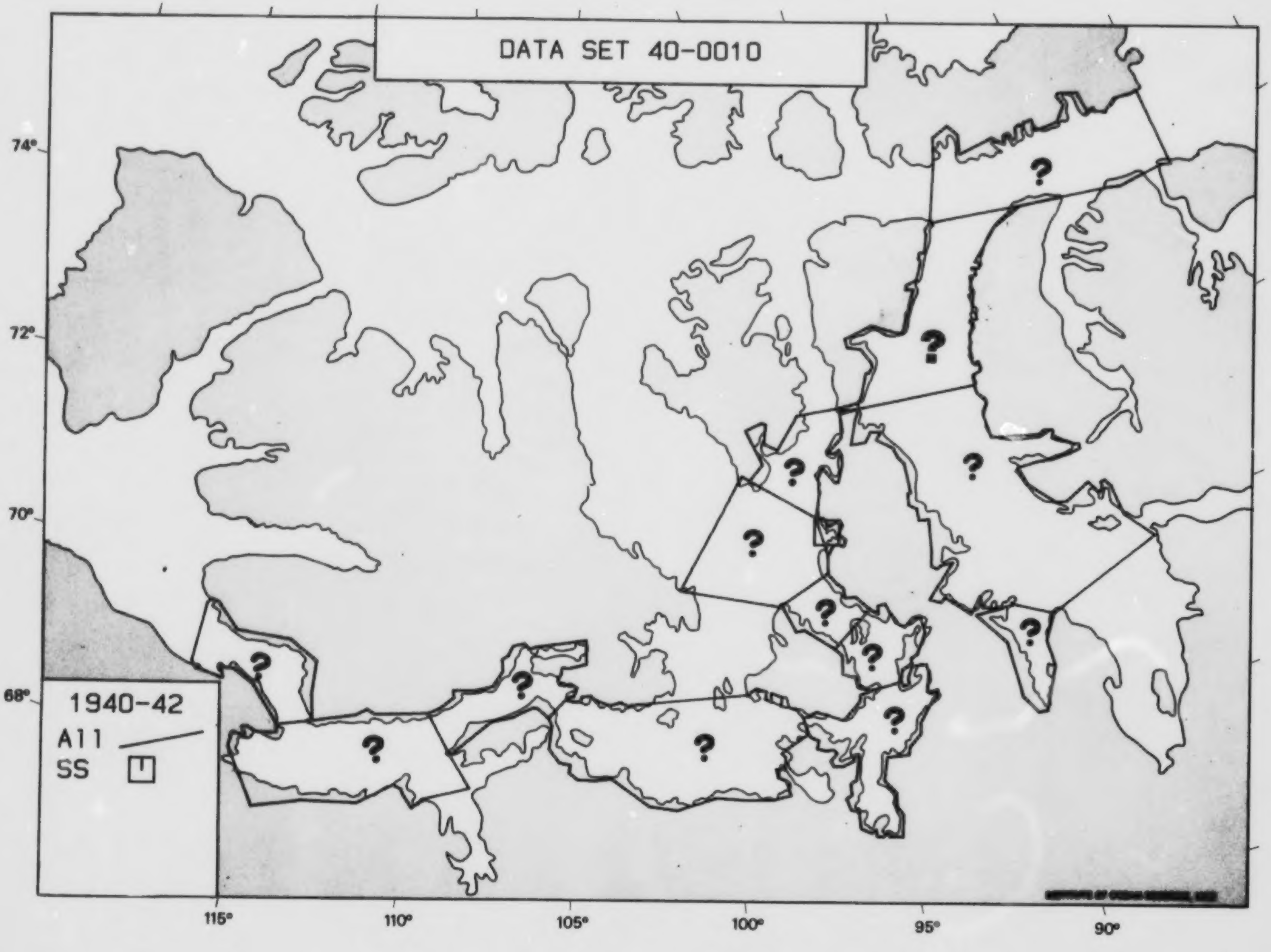

DATA SET 08-0001
?
?
?
?
?
1908-09
RIS
RVS
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES

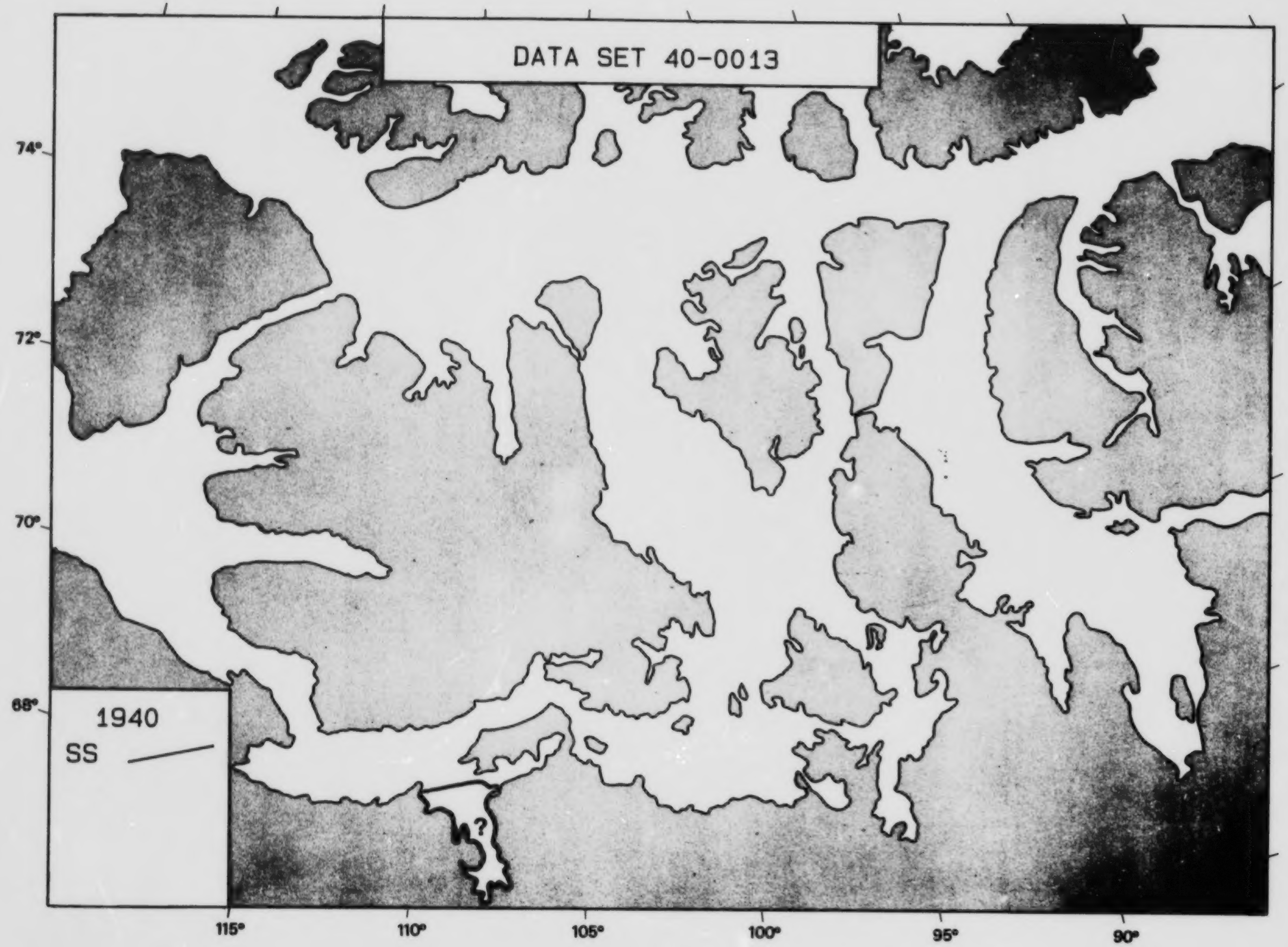

DATA SET 12-0002
1912-1913
SS
RIS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

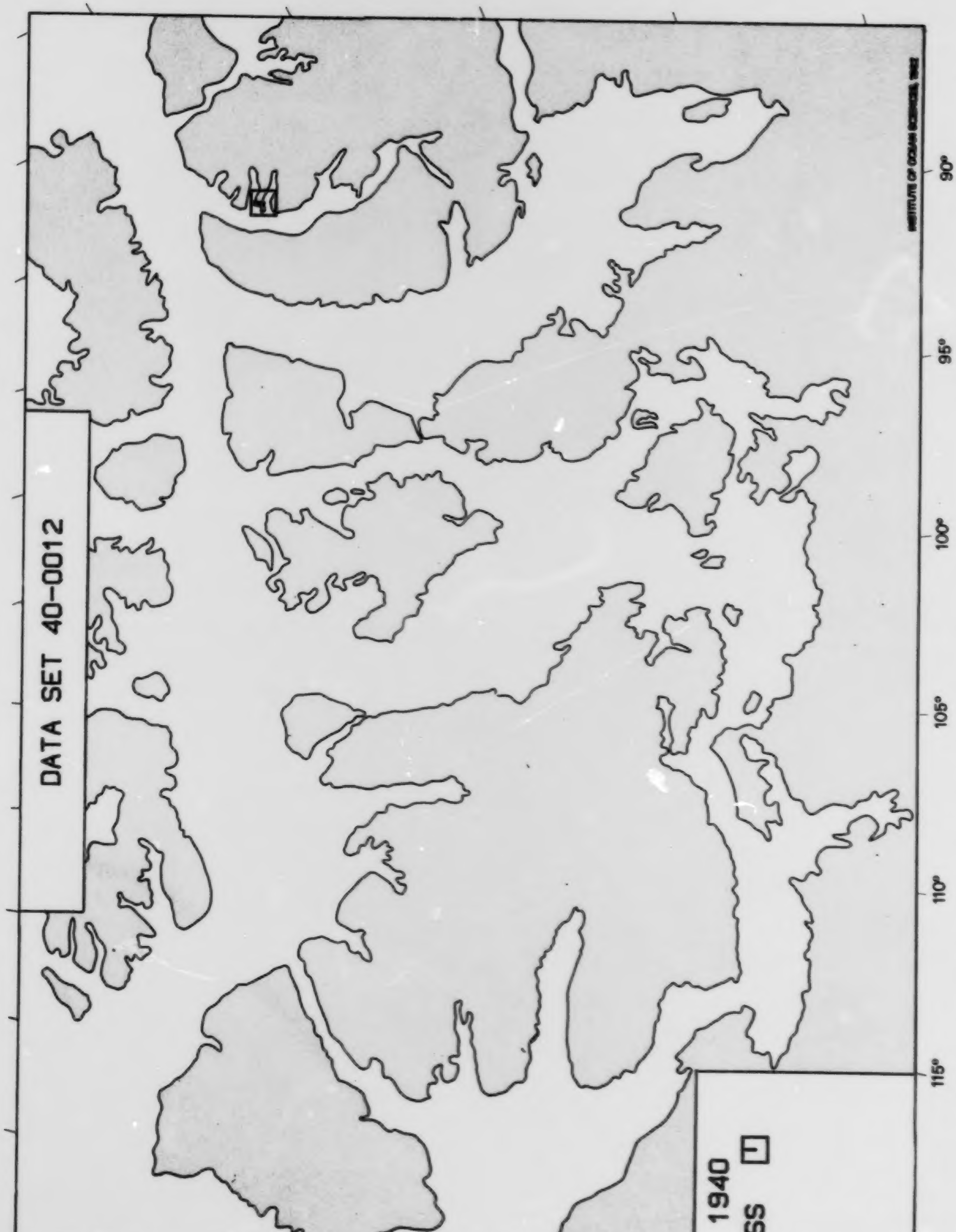

DATA SET 12-0002
1912-1913
SS
RIS
76°
75°
74°
73°
72°
71°
80°
84°
88°
92°
96°
100°
INSTITUTE OF OCEAN SCIENCES 1982

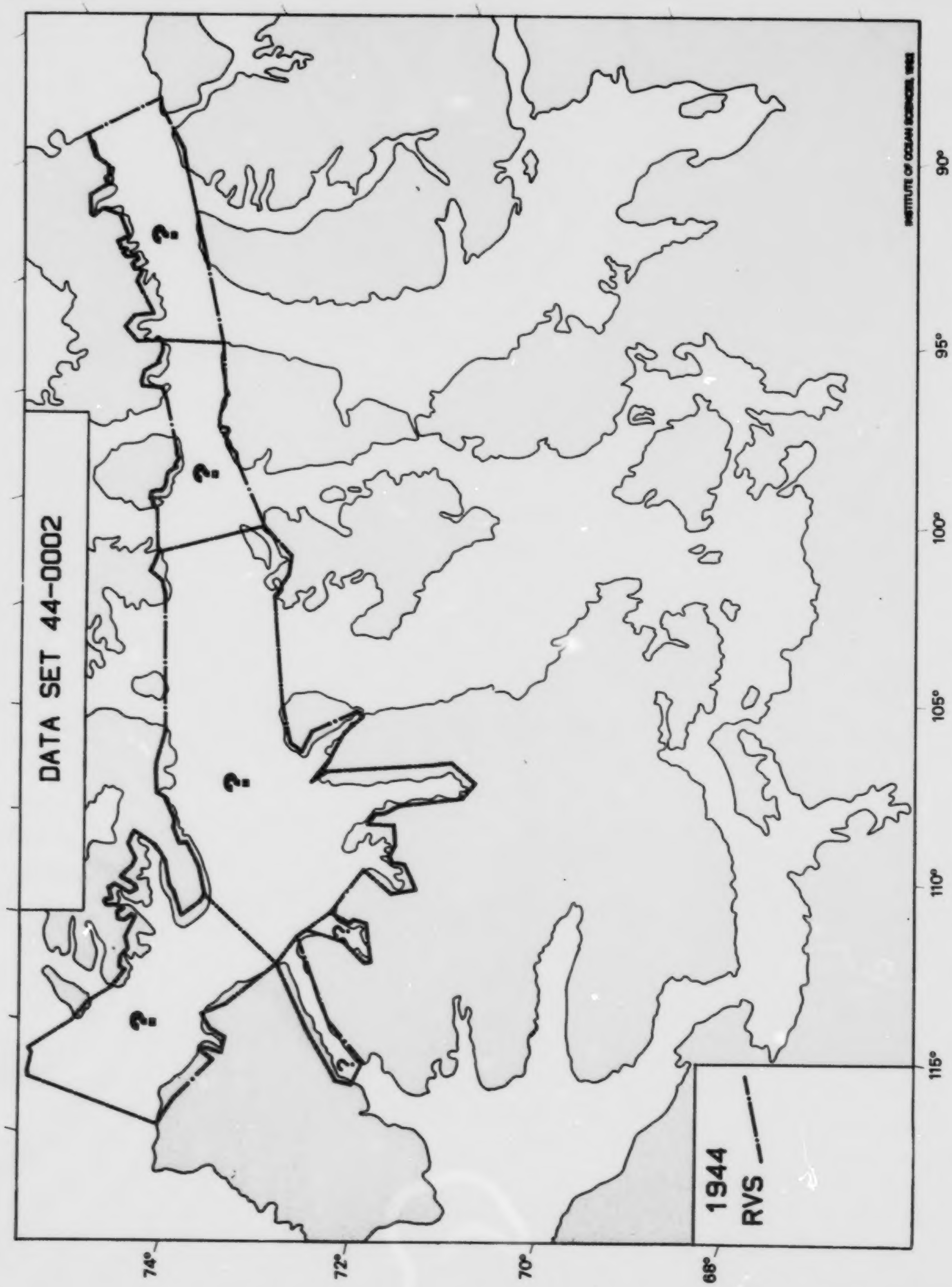

DATA SET 21-0001
1921-24
A11
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

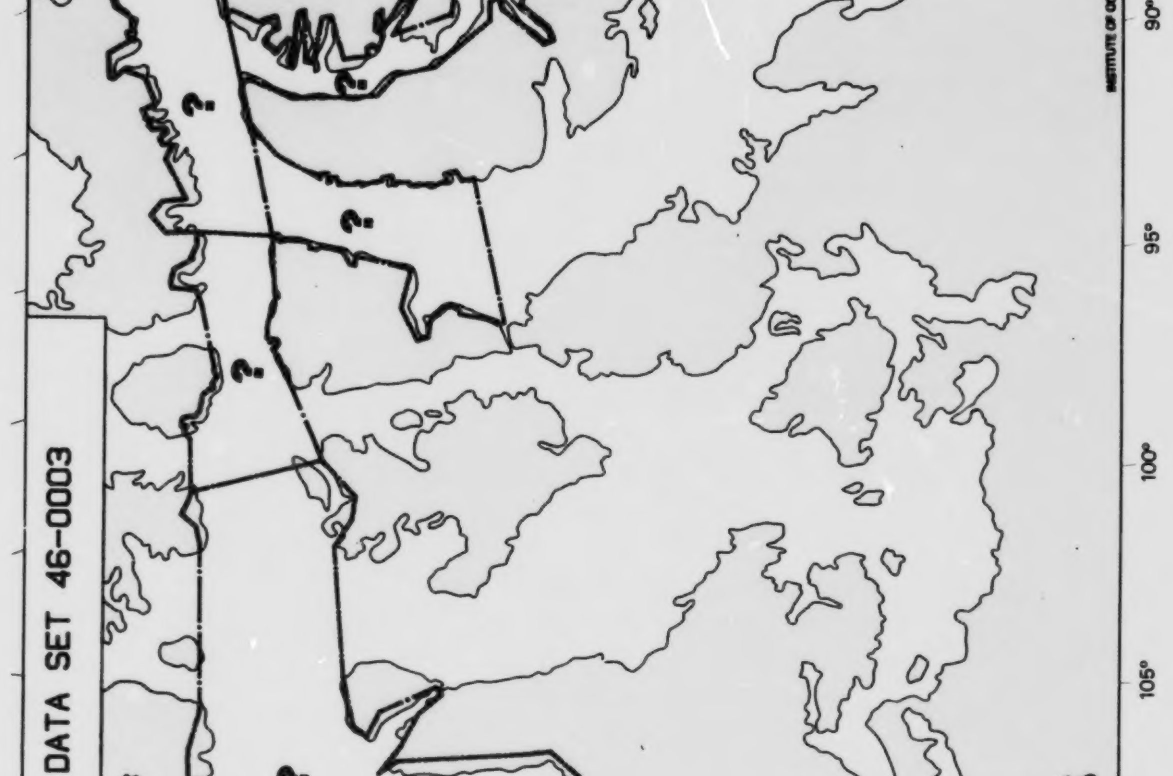

DATA SET 23-0003
?
?
74°
72°
70°
68°
1923
RVS
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982

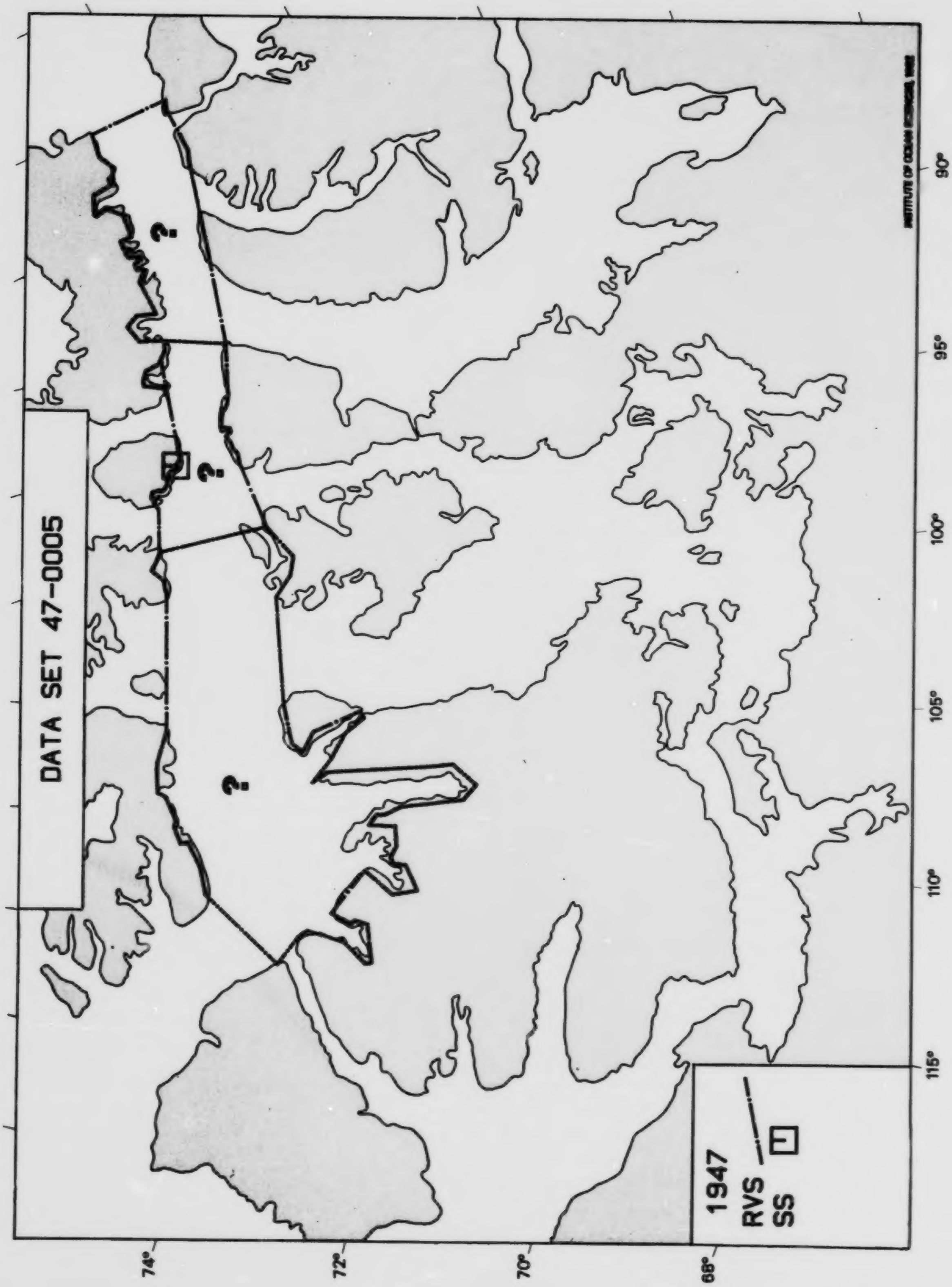

DATA SET 40-0010
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
1940-42
A11
SS
?

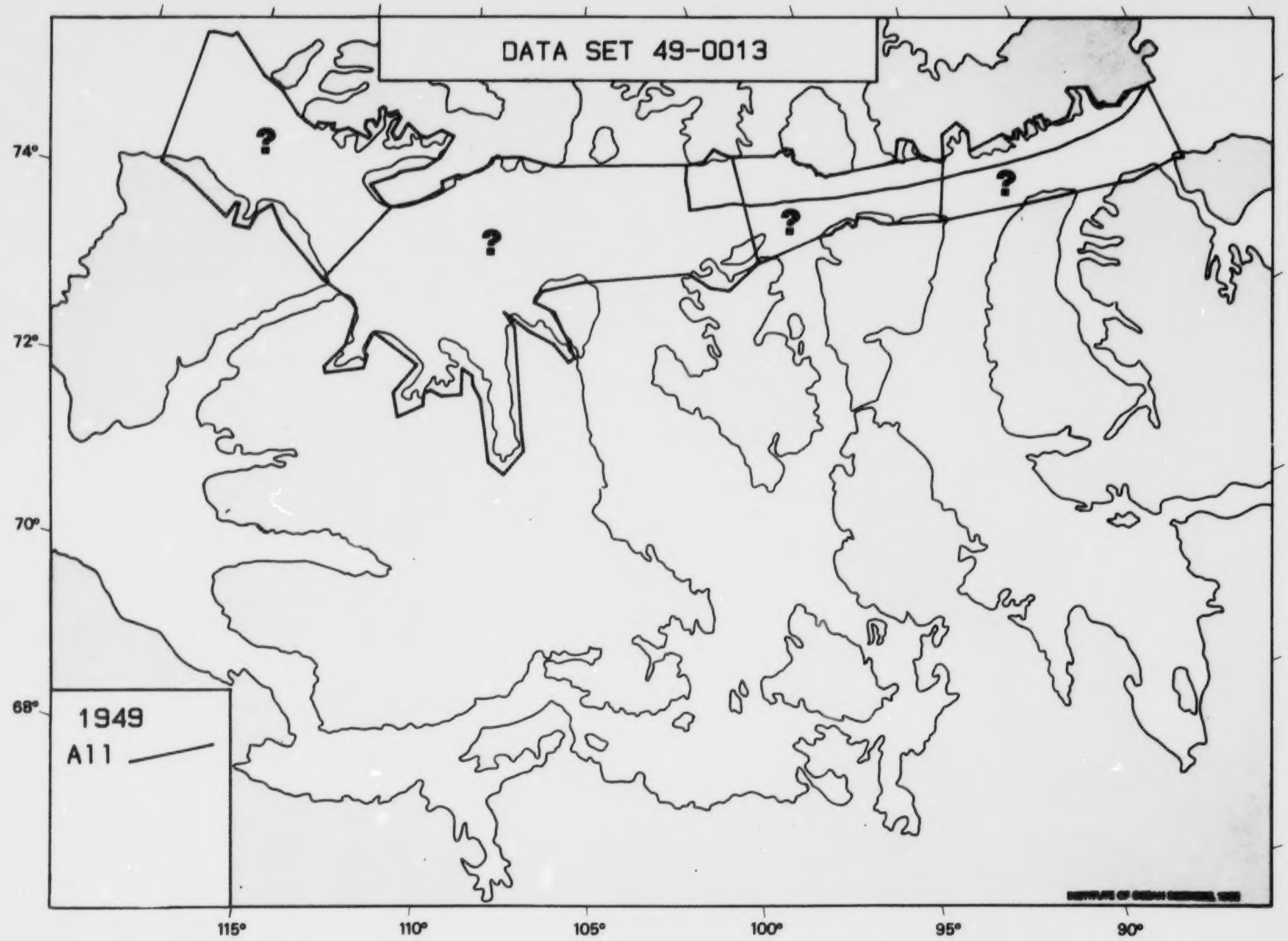

DATA SET 40-0013
1940
SS
?
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

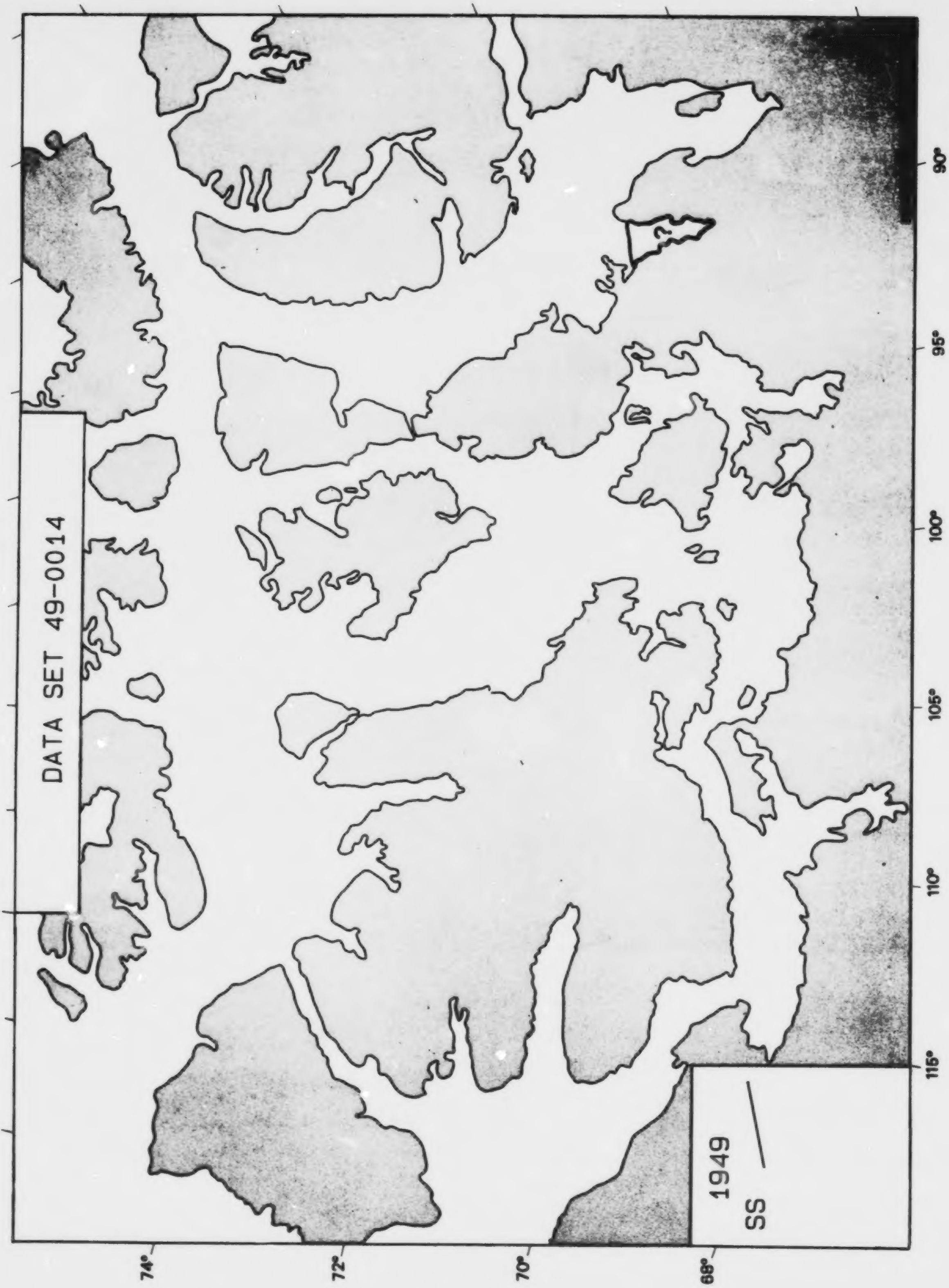

DATA SET 40-0012
1940
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

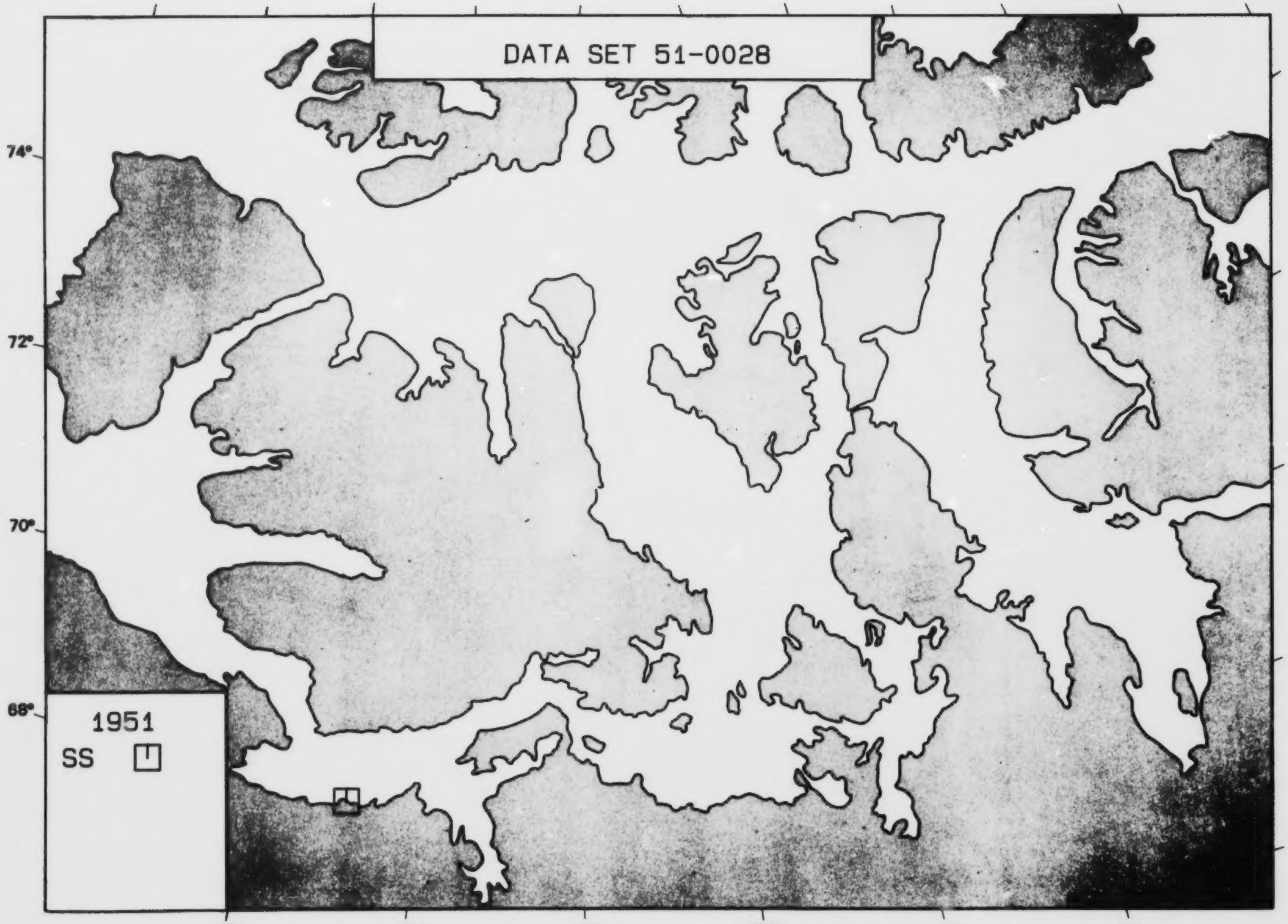

DATA SET 44-0002
?
?
?
?
1944
RVS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES 1982

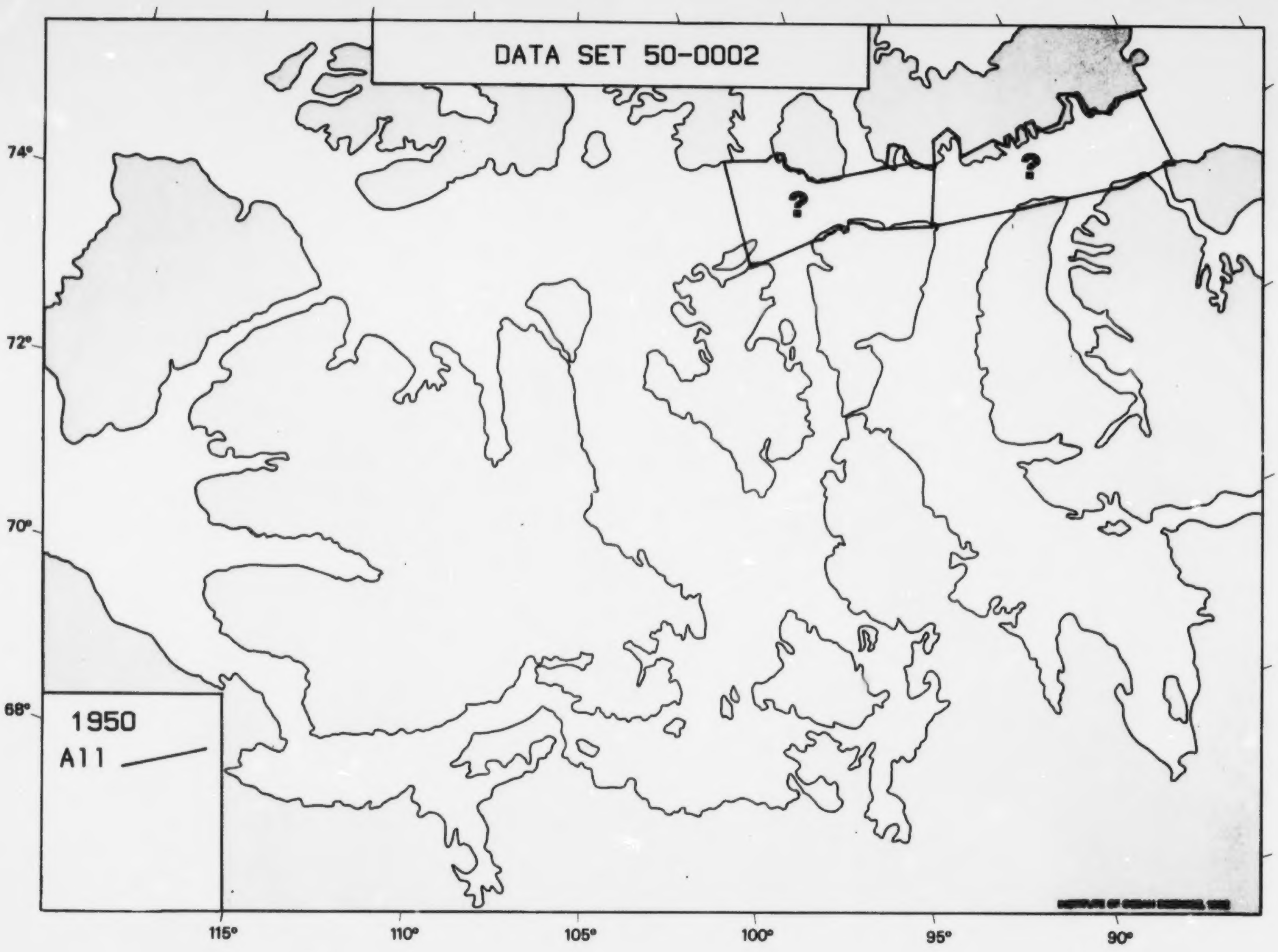

DATA SET 46-0003
1946
RVS
?
?
?
?
?
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

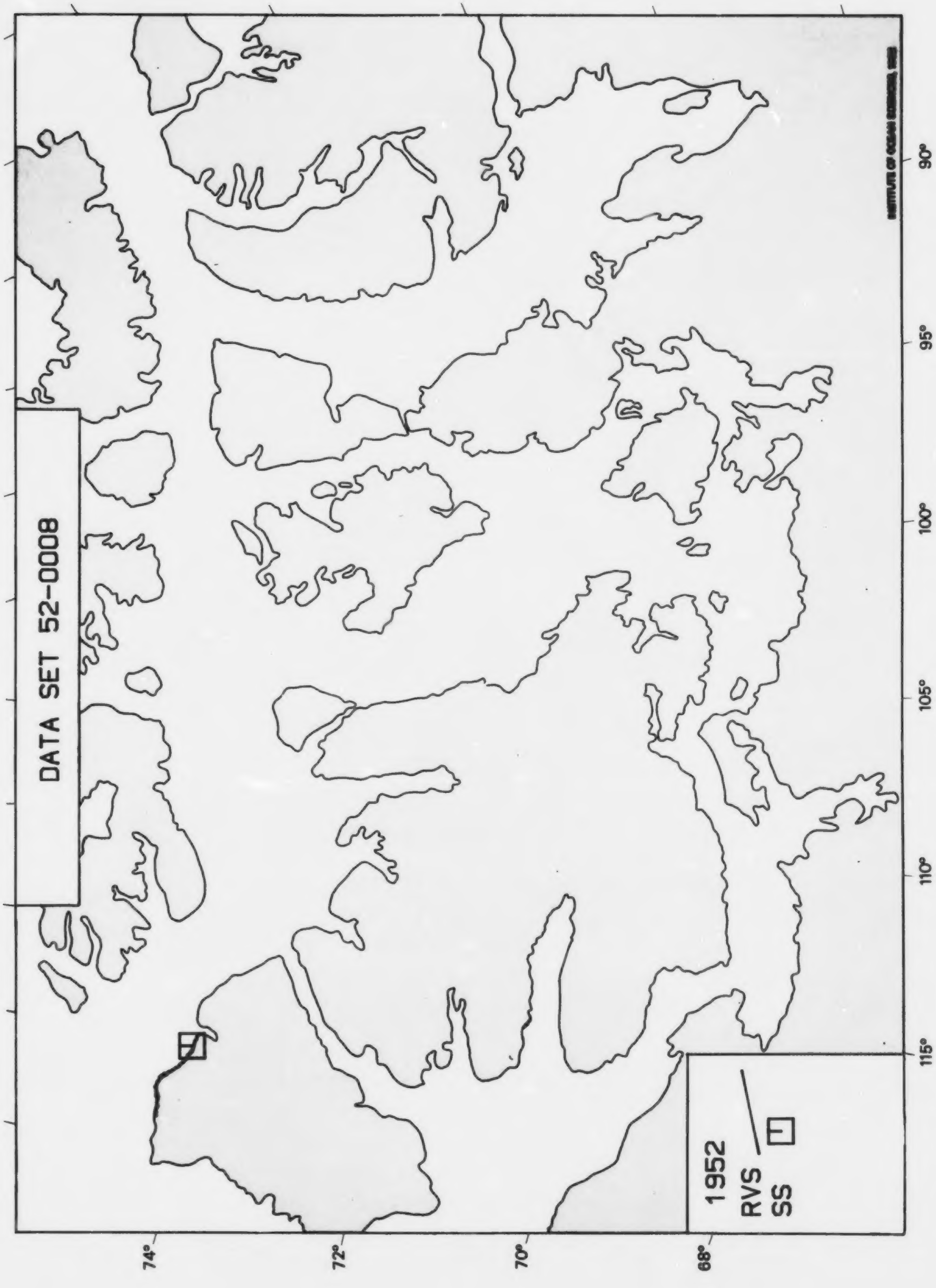

DATA SET 47-0005
?
?
?
1947
RVS
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES

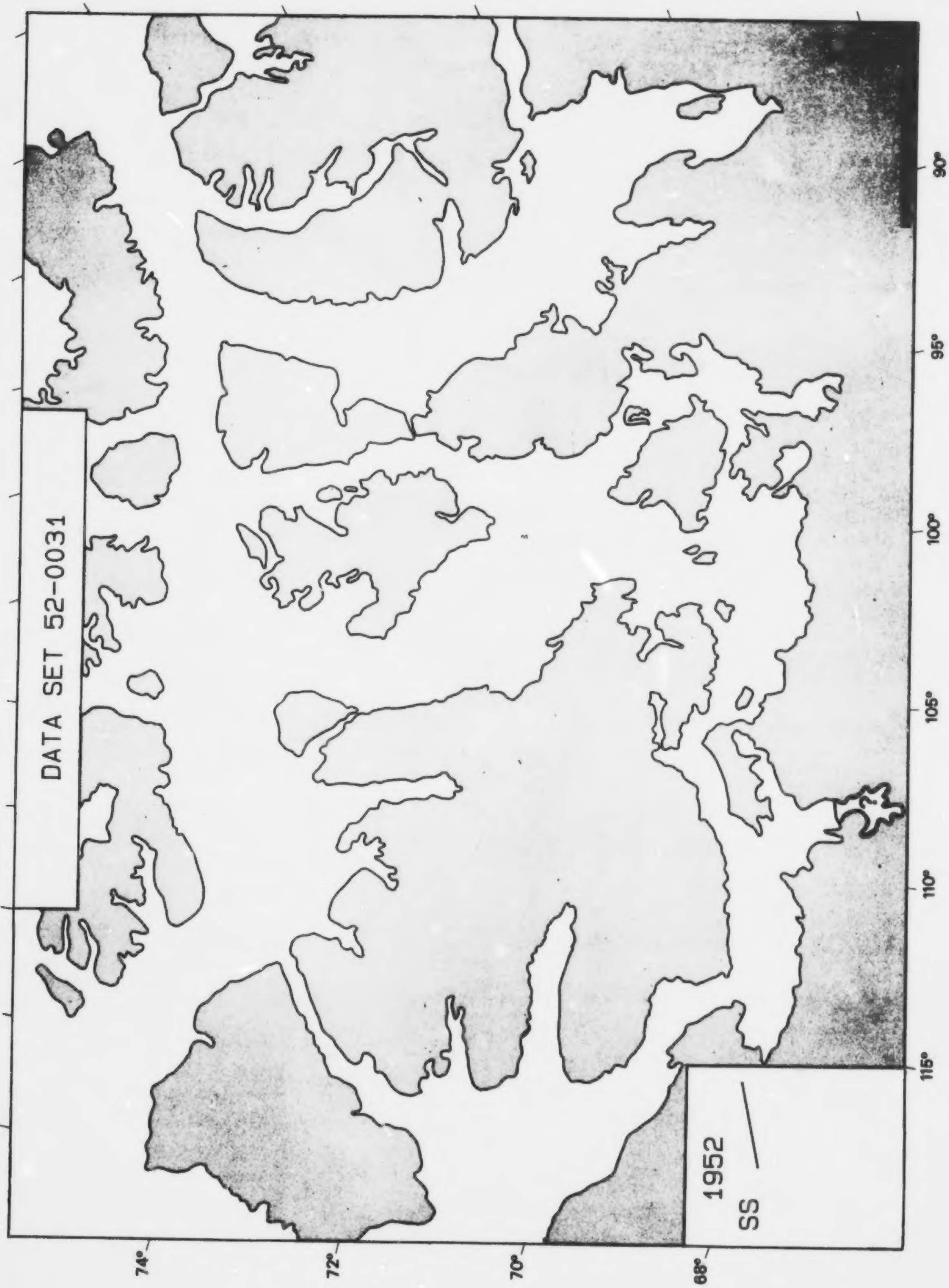

DATA SET 49-0013
?
?
?
?
1949
A11
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

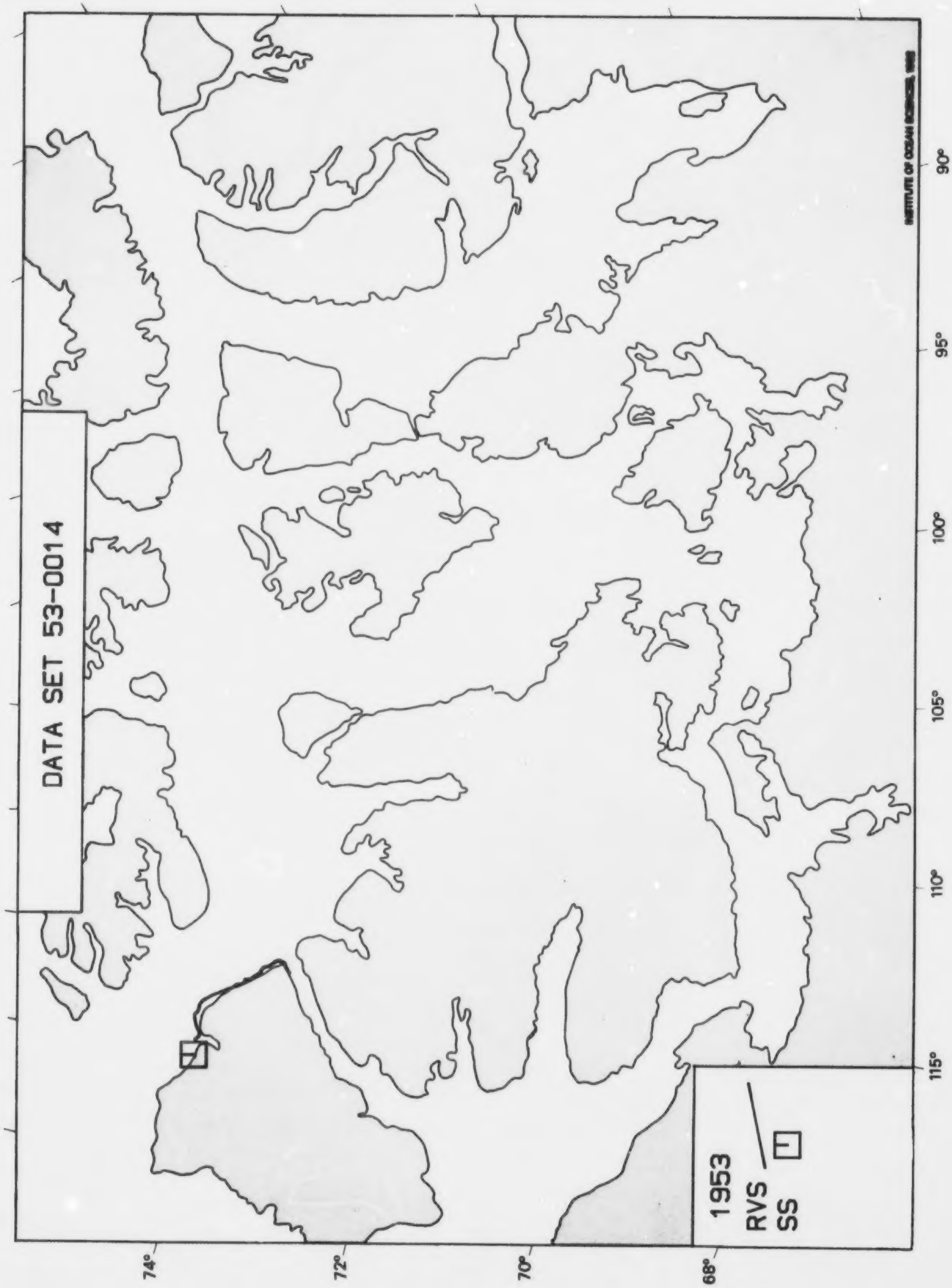

DATA SET 49-0014
1949
SS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

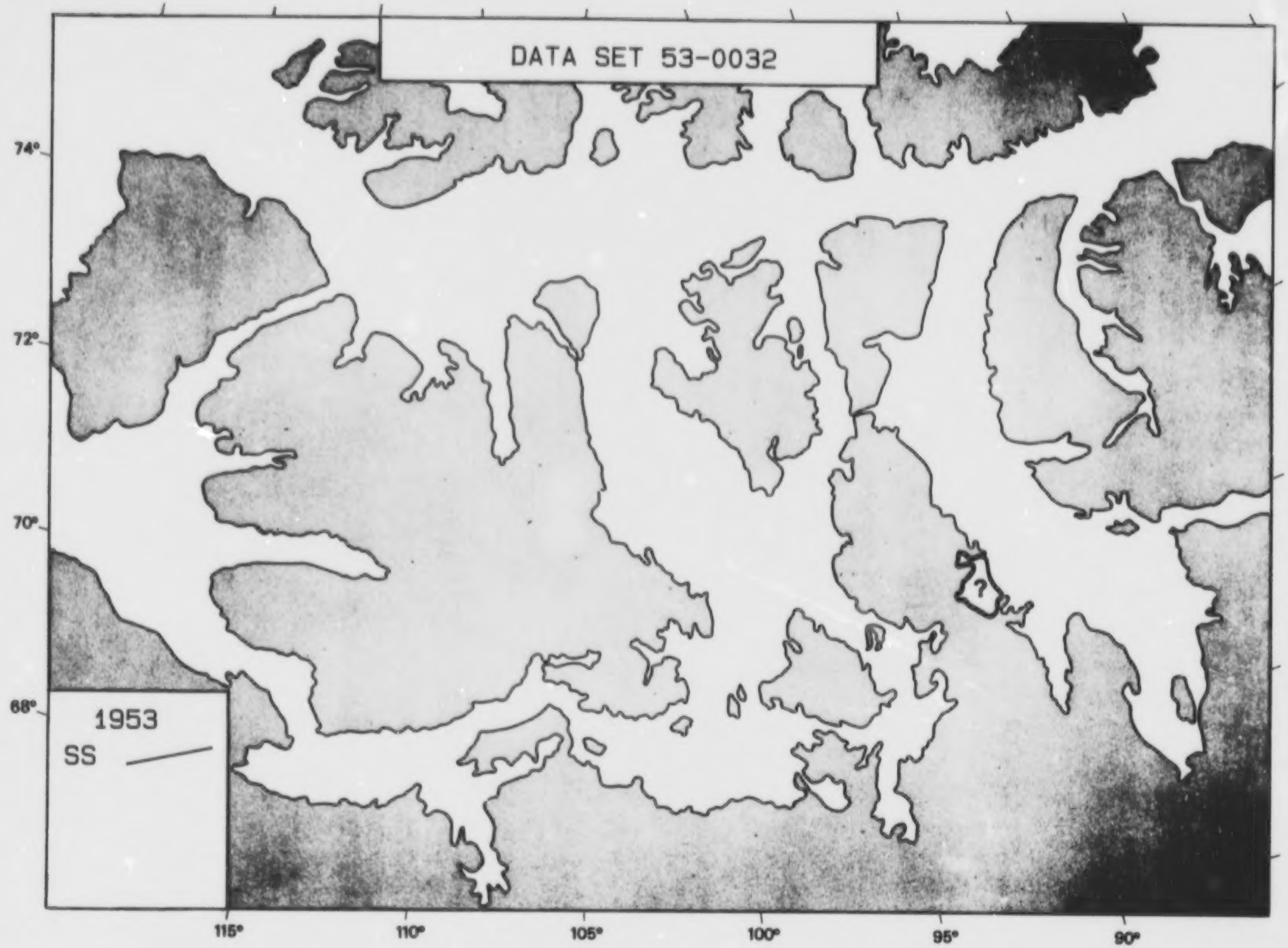

DATA SET 51-0028
1951
SS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

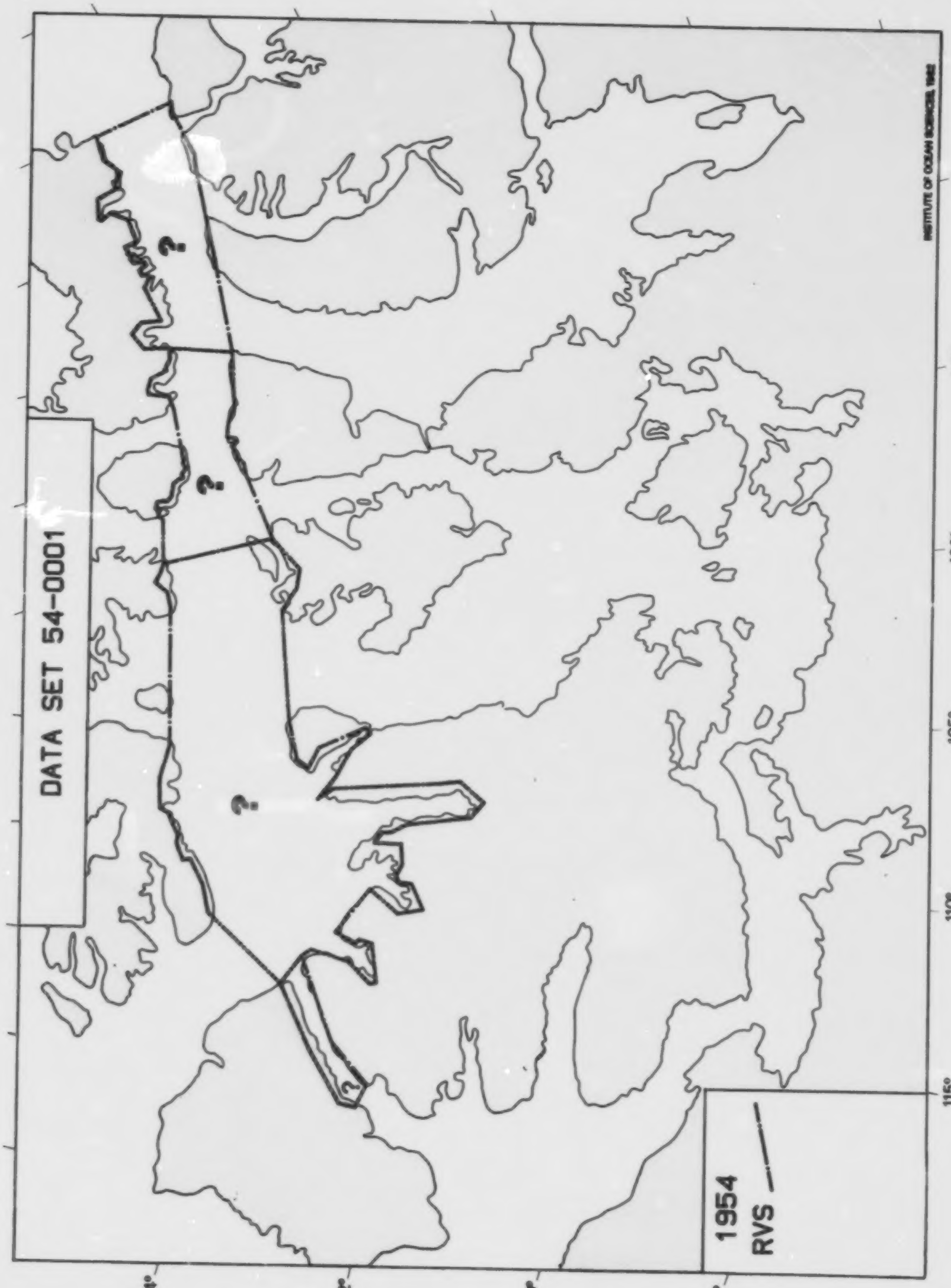

DATA SET 50-0002
?
?
74°
72°
70°
68°
1950
A11
115°
110°
105°
100°
95°
90°

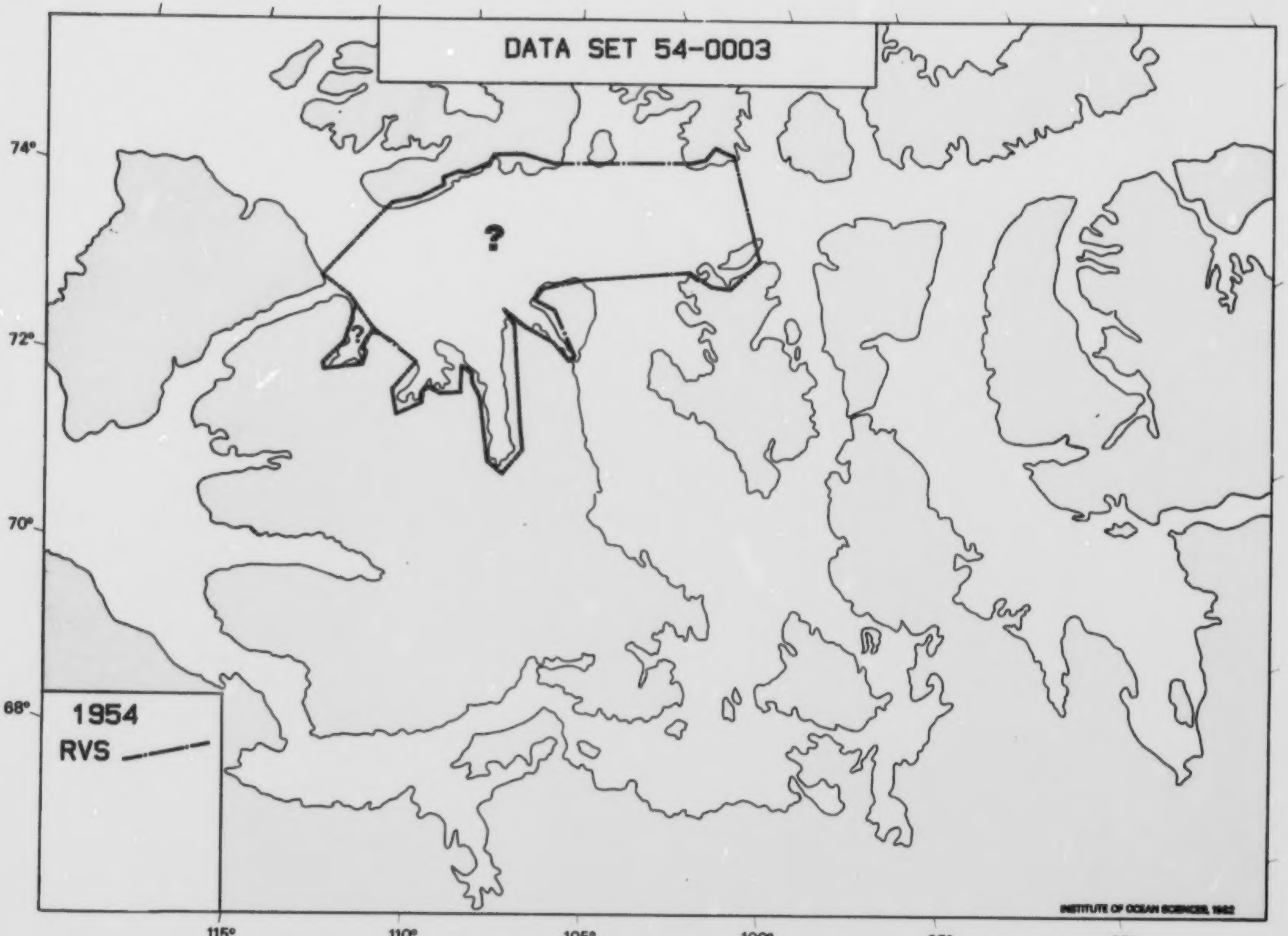

DATA SET 52-0008
1952
RVS
SS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

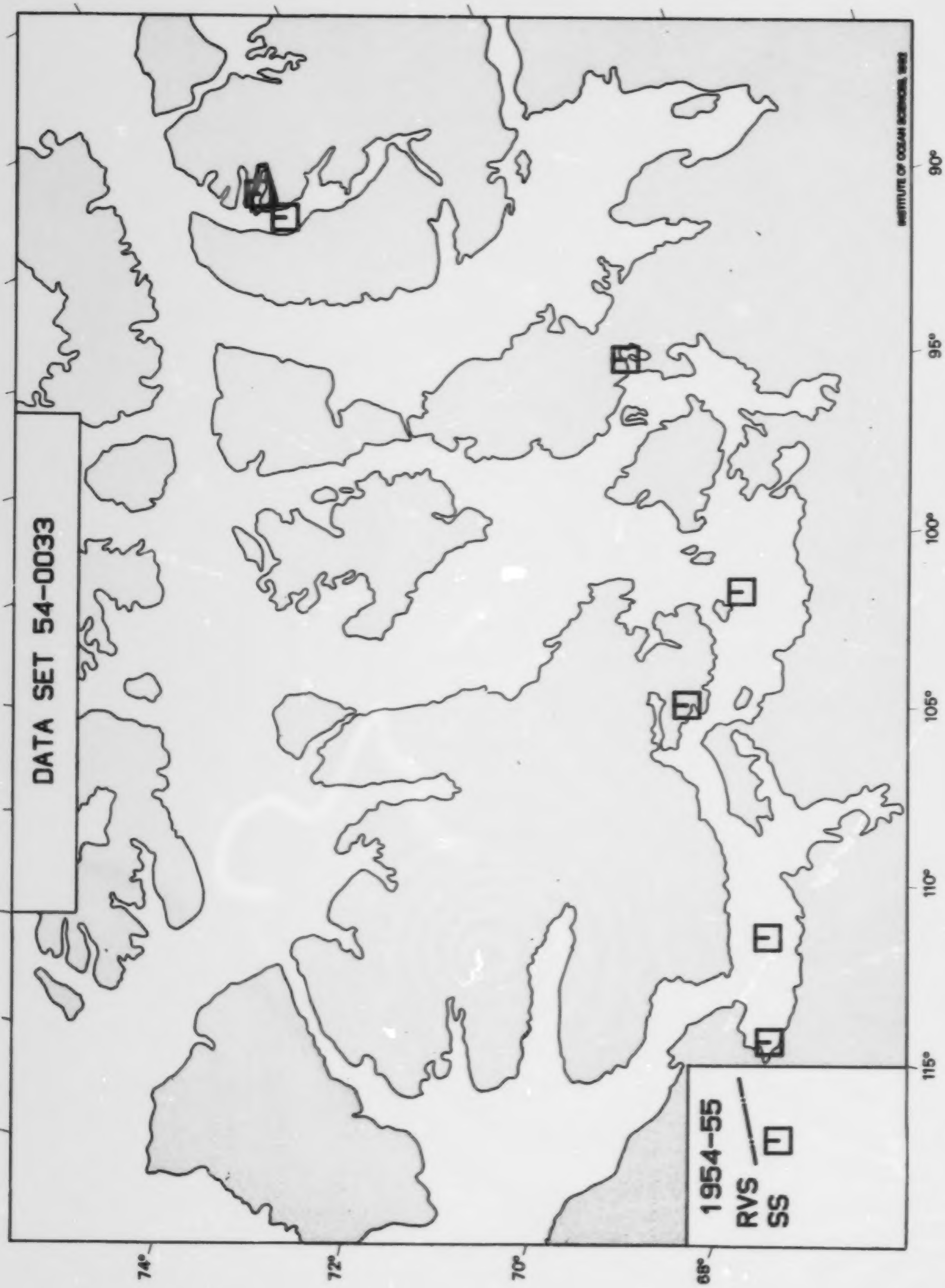

DATA SET 52-0031
1952
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

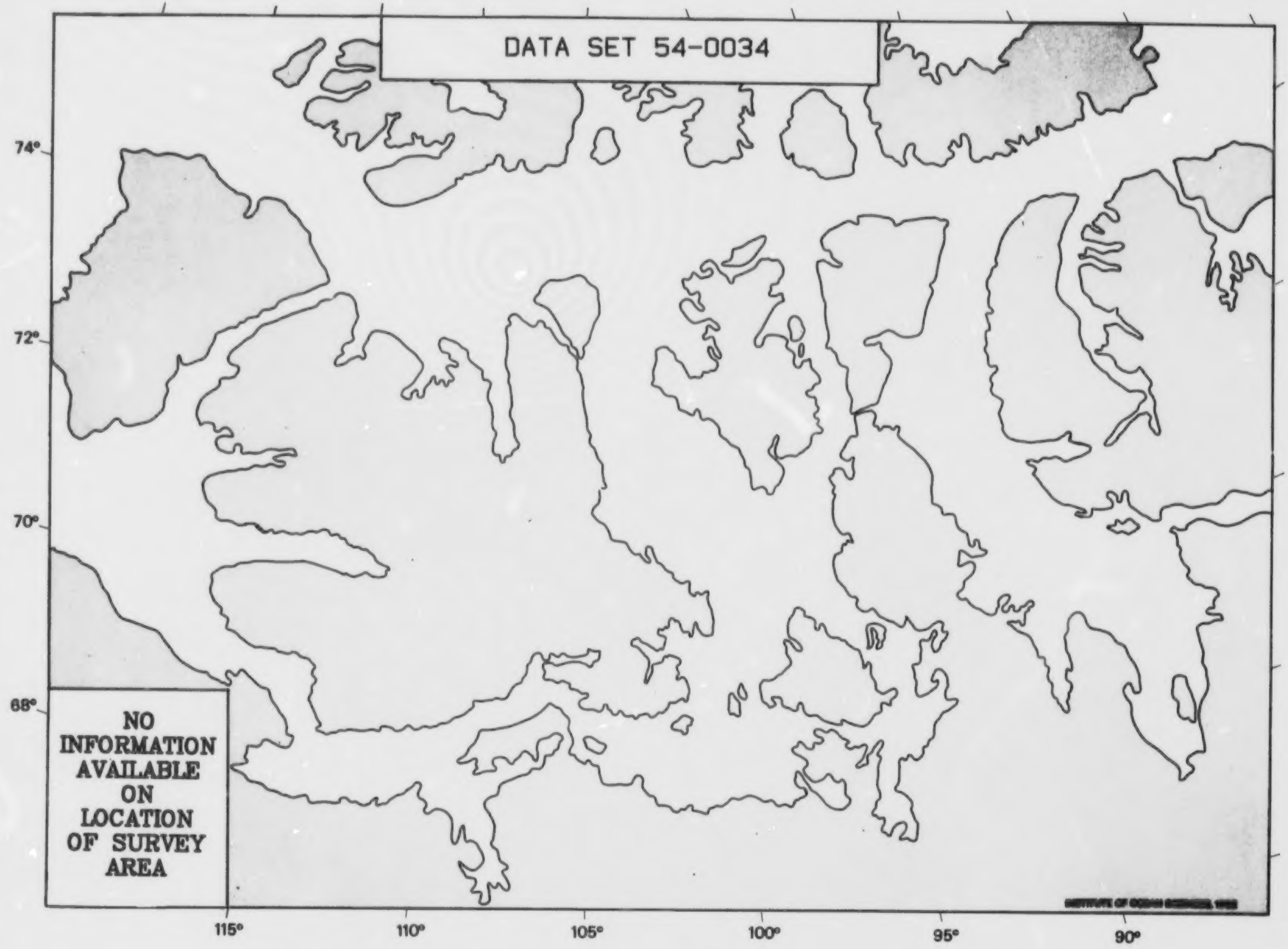

DATA SET 53-0014
1953
RVS
SS
INSTITUTE OF OCEAN SCIENCES
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

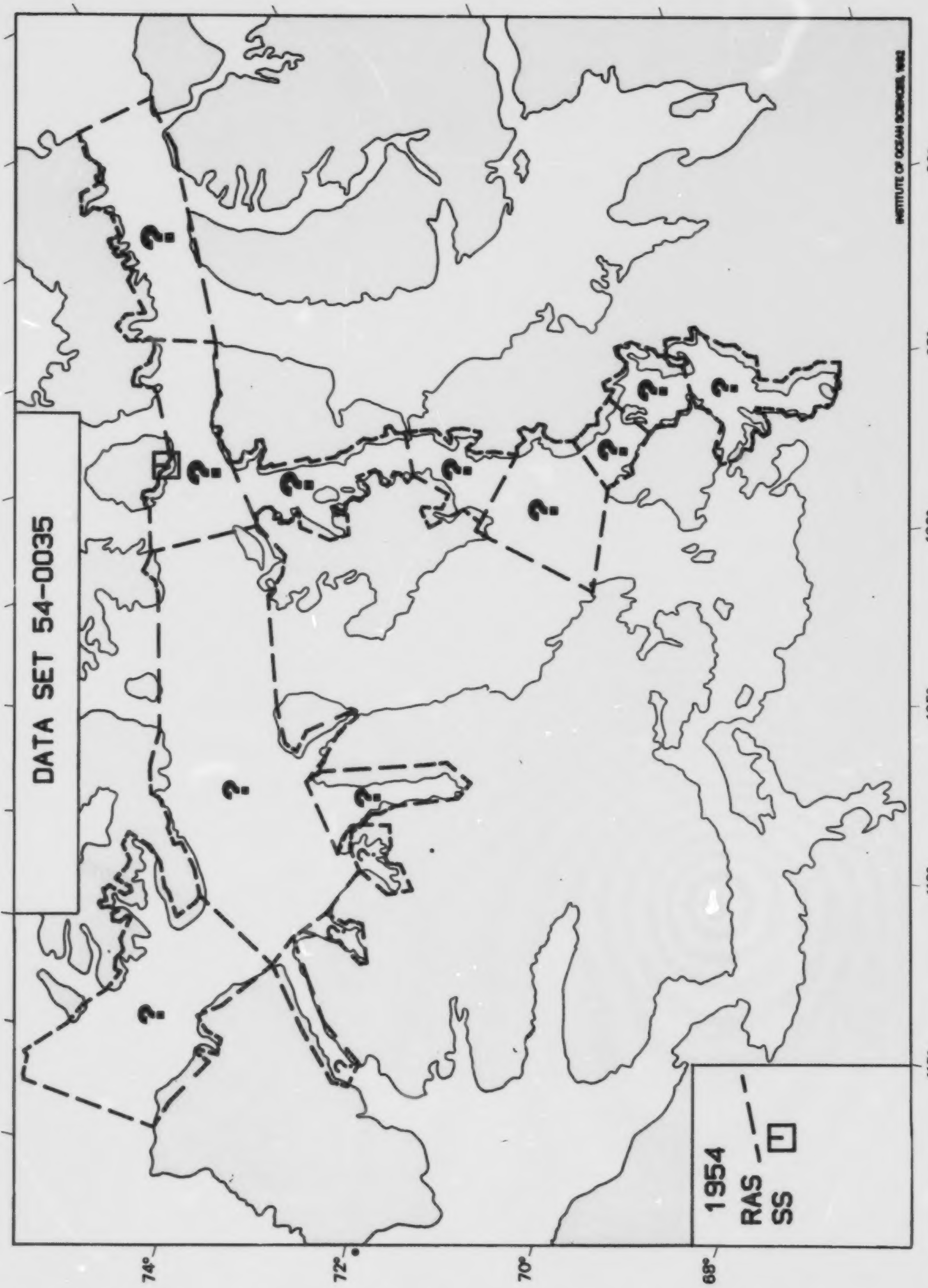

DATA SET 53-0032
1953
SS
?
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

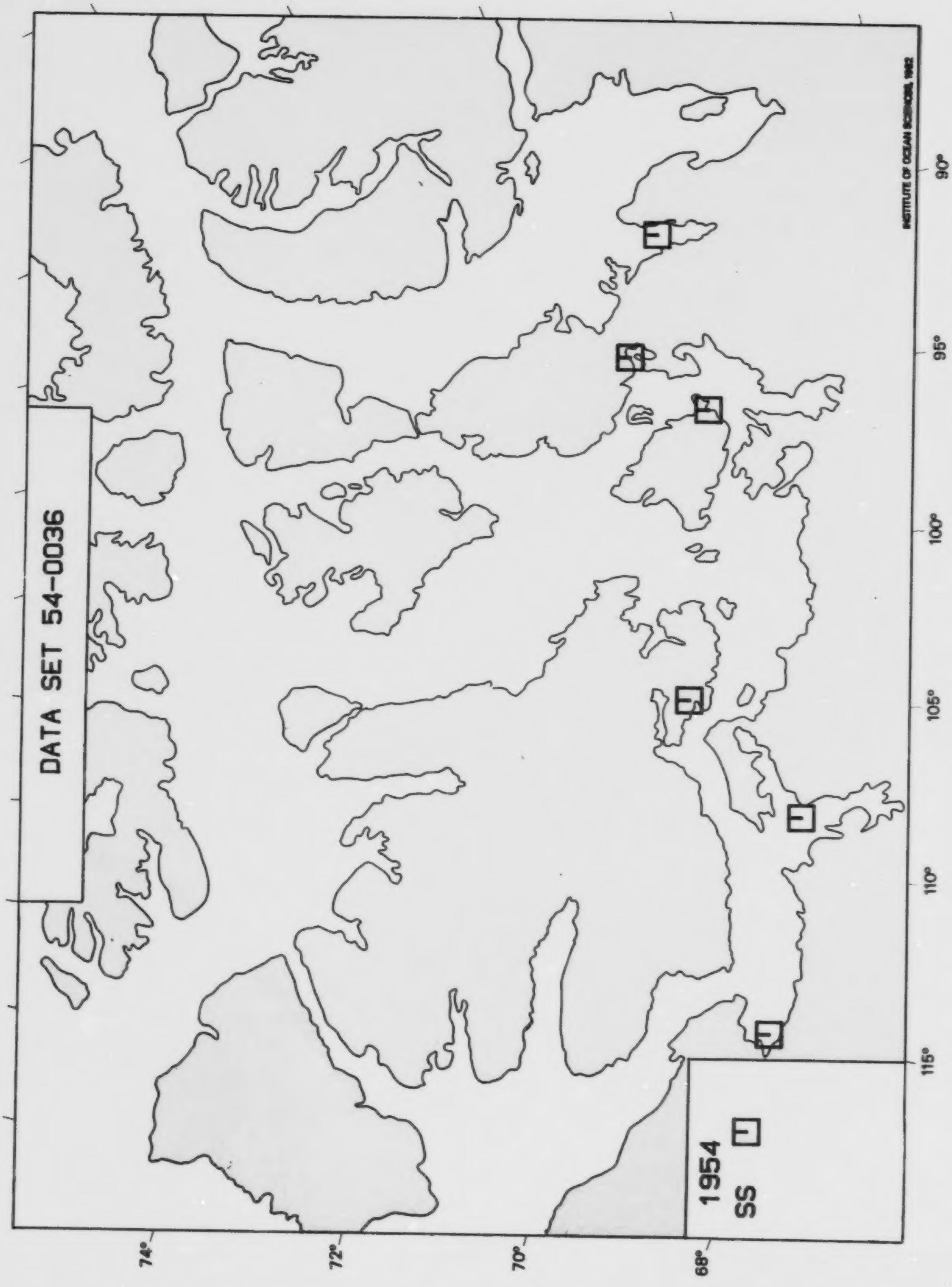

DATA SET 54-0001
1954
RVS
?
?
?
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

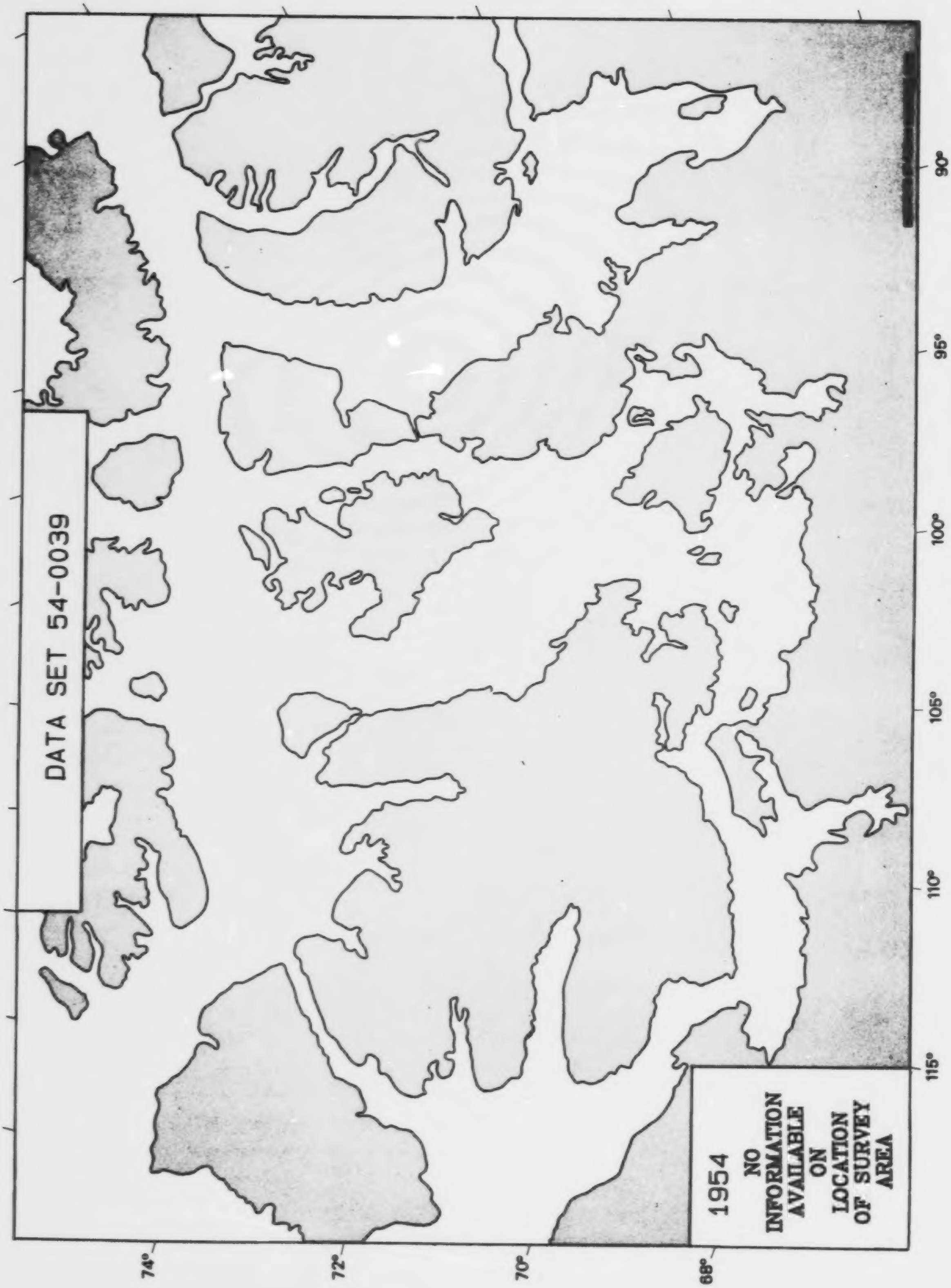

DATA SET 54-0003
?
?
1954
RVS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982

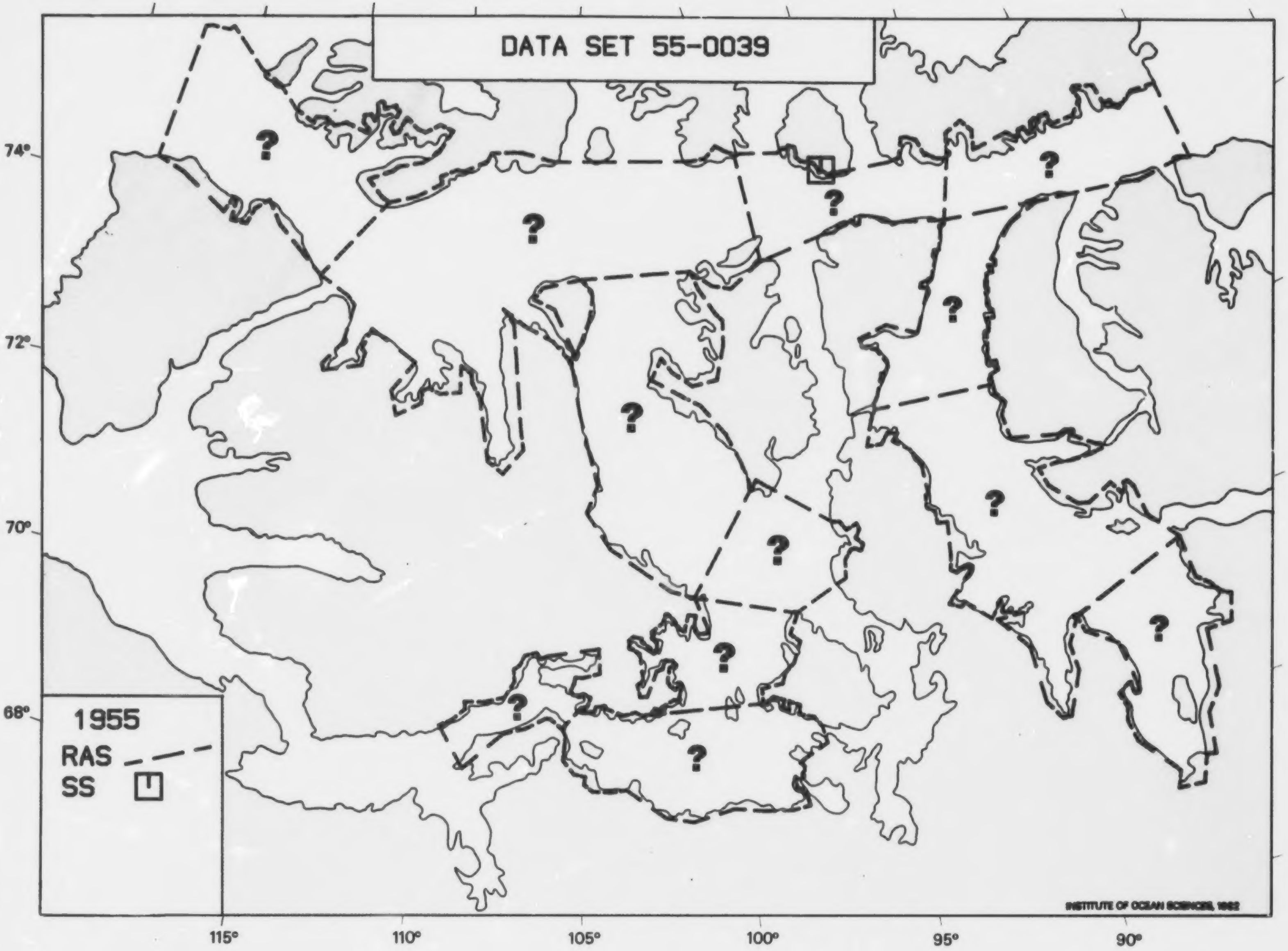

DATA SET 54-0033
1954-55
RVS
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

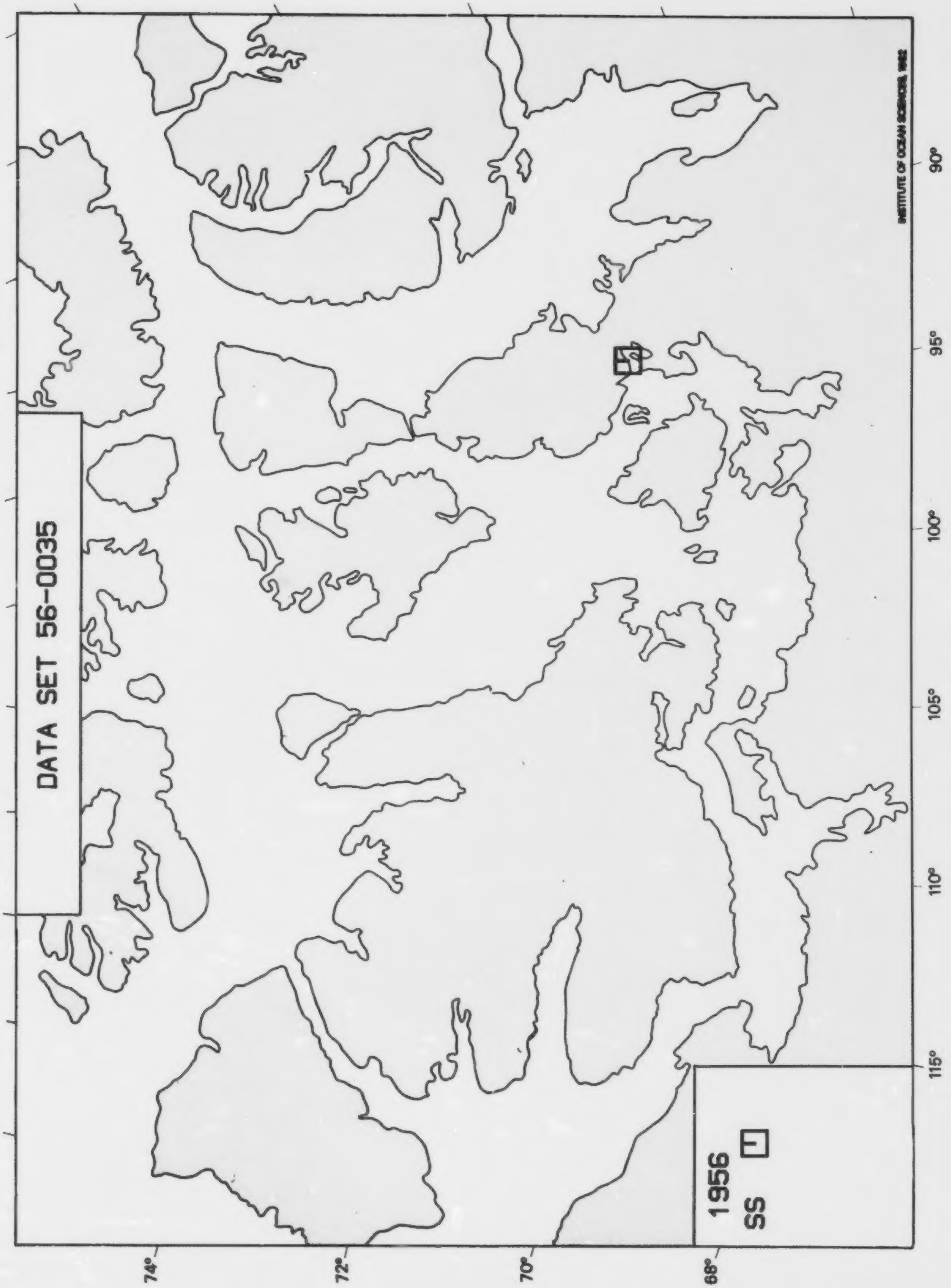

DATA SET 54-0034
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

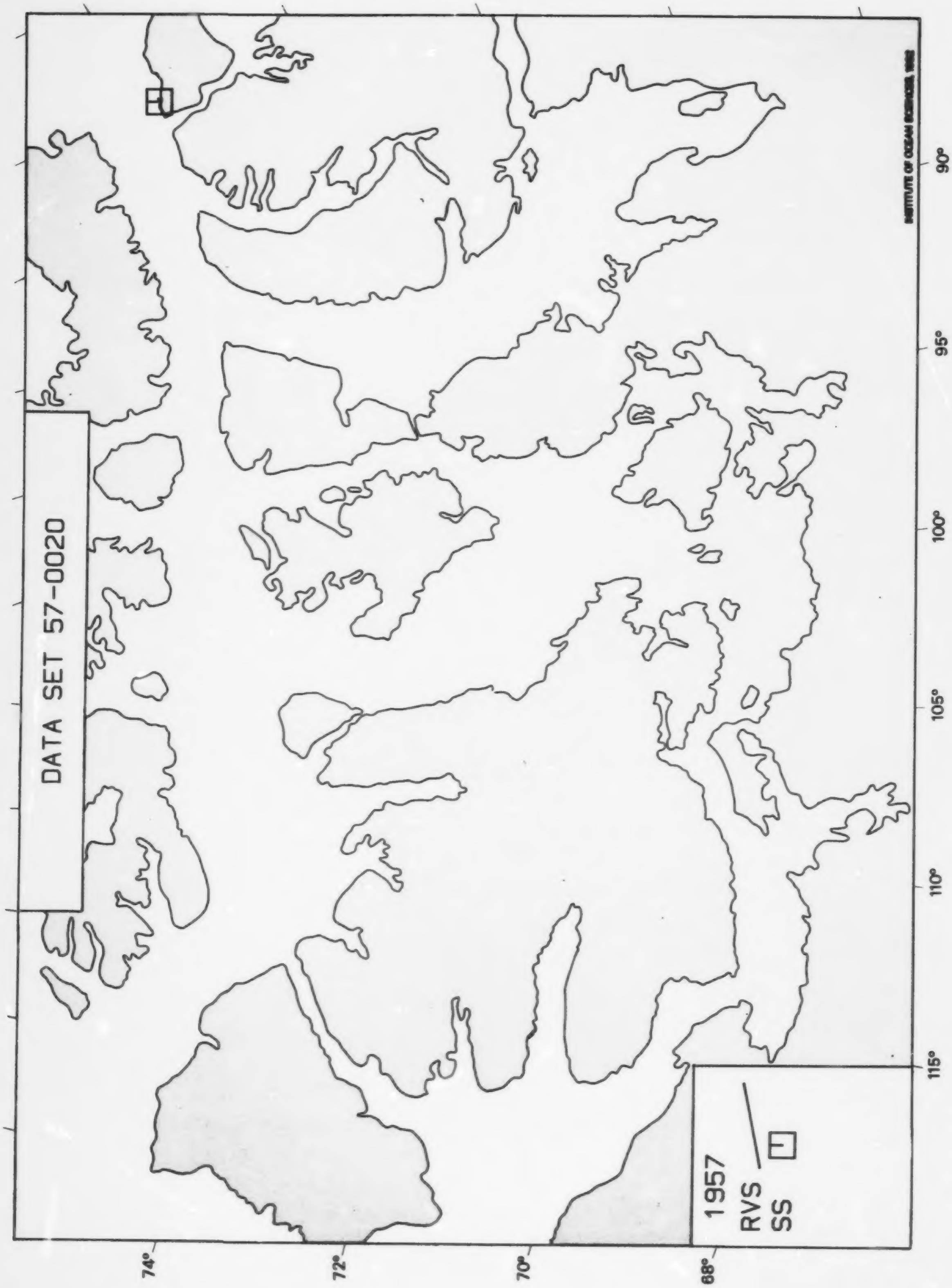

DATA SET 54-0035
1954
RAS
SS
?
?
?
?
?
?
?
?
?
?
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

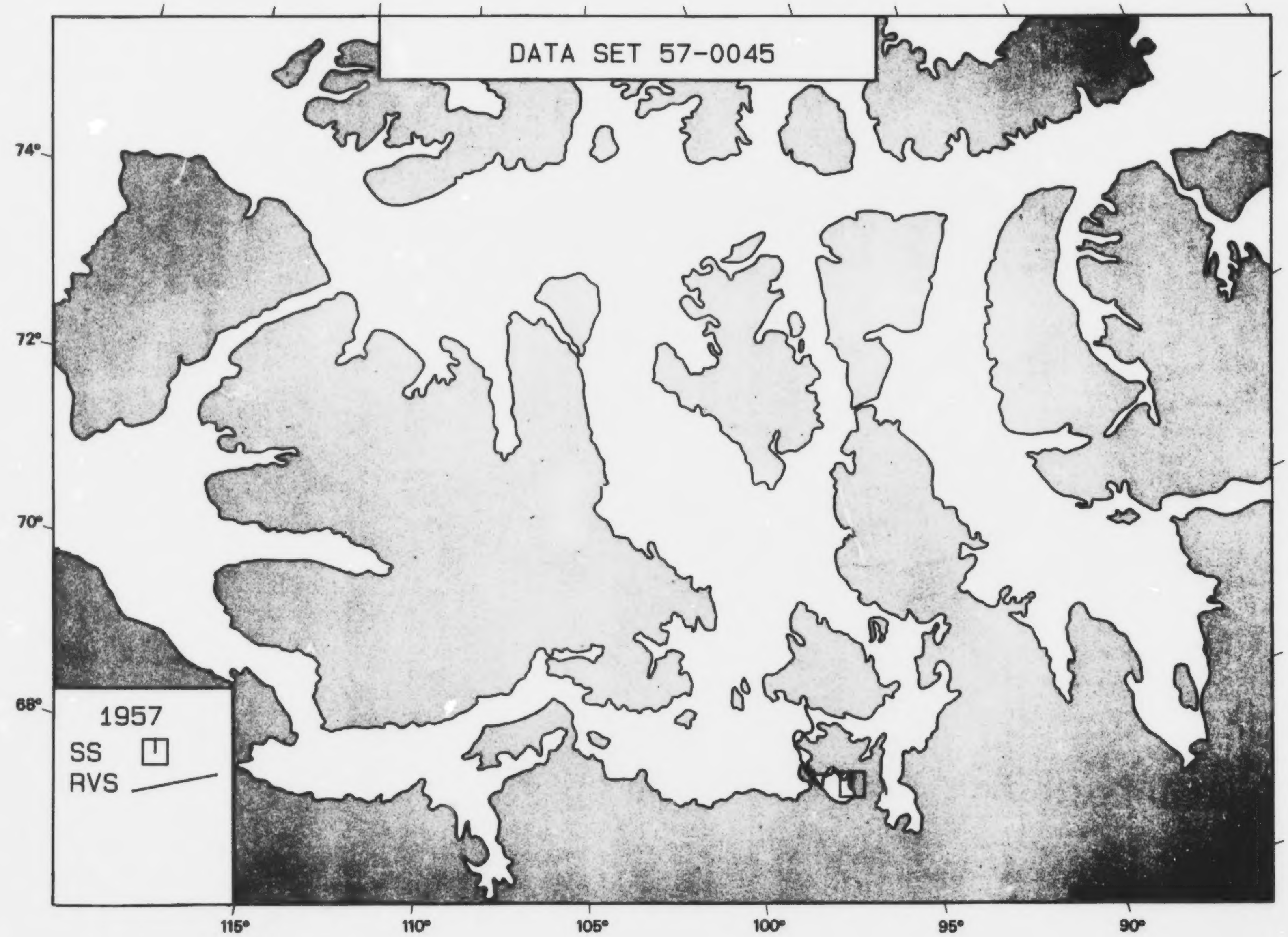

DATA SET 54-0036
1954
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

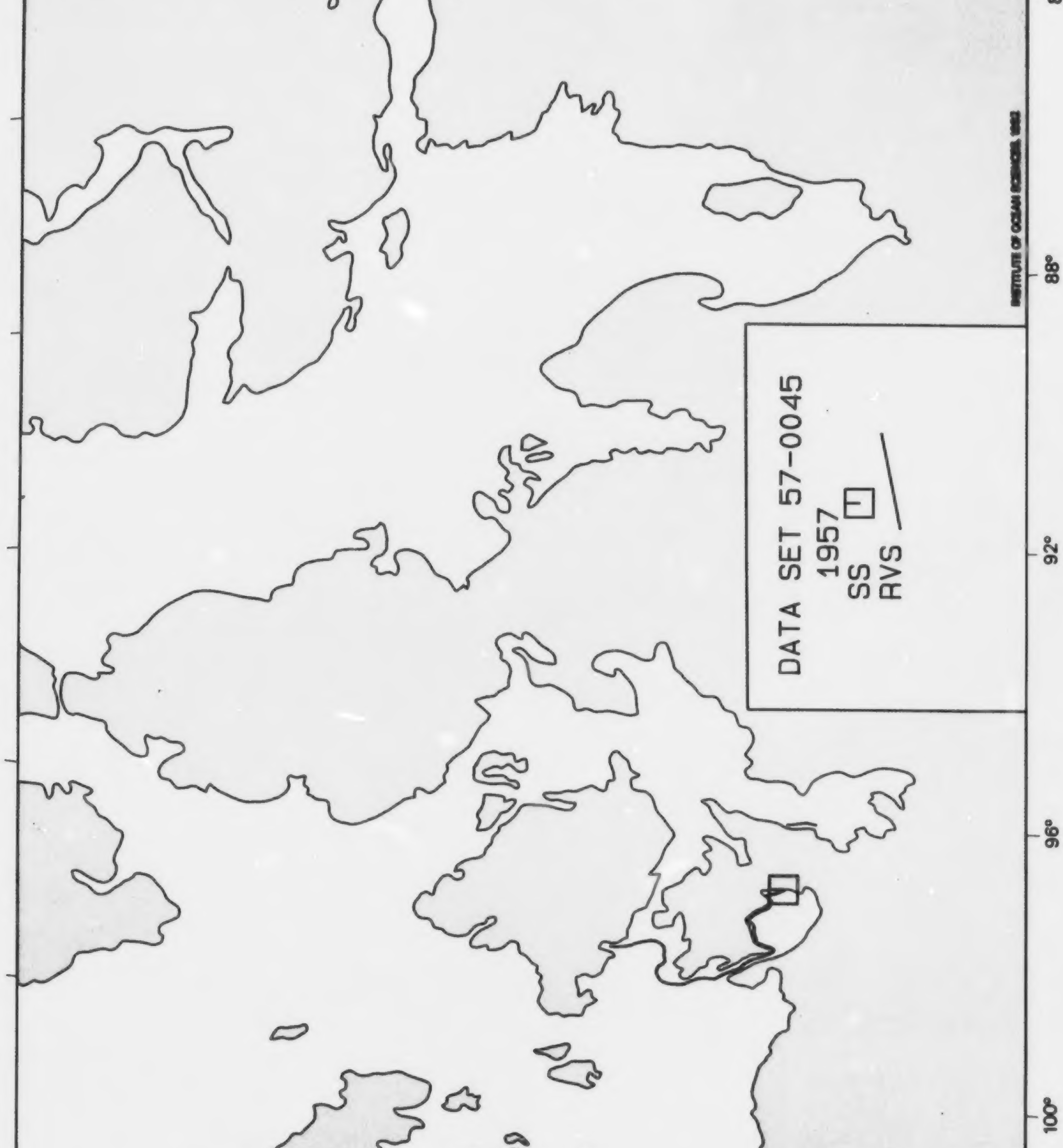

DATA SET 54-0039
1954
NO
INFORMATION
AVAILABLE
ON
LOCATION
OF SURVEY
AREA
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

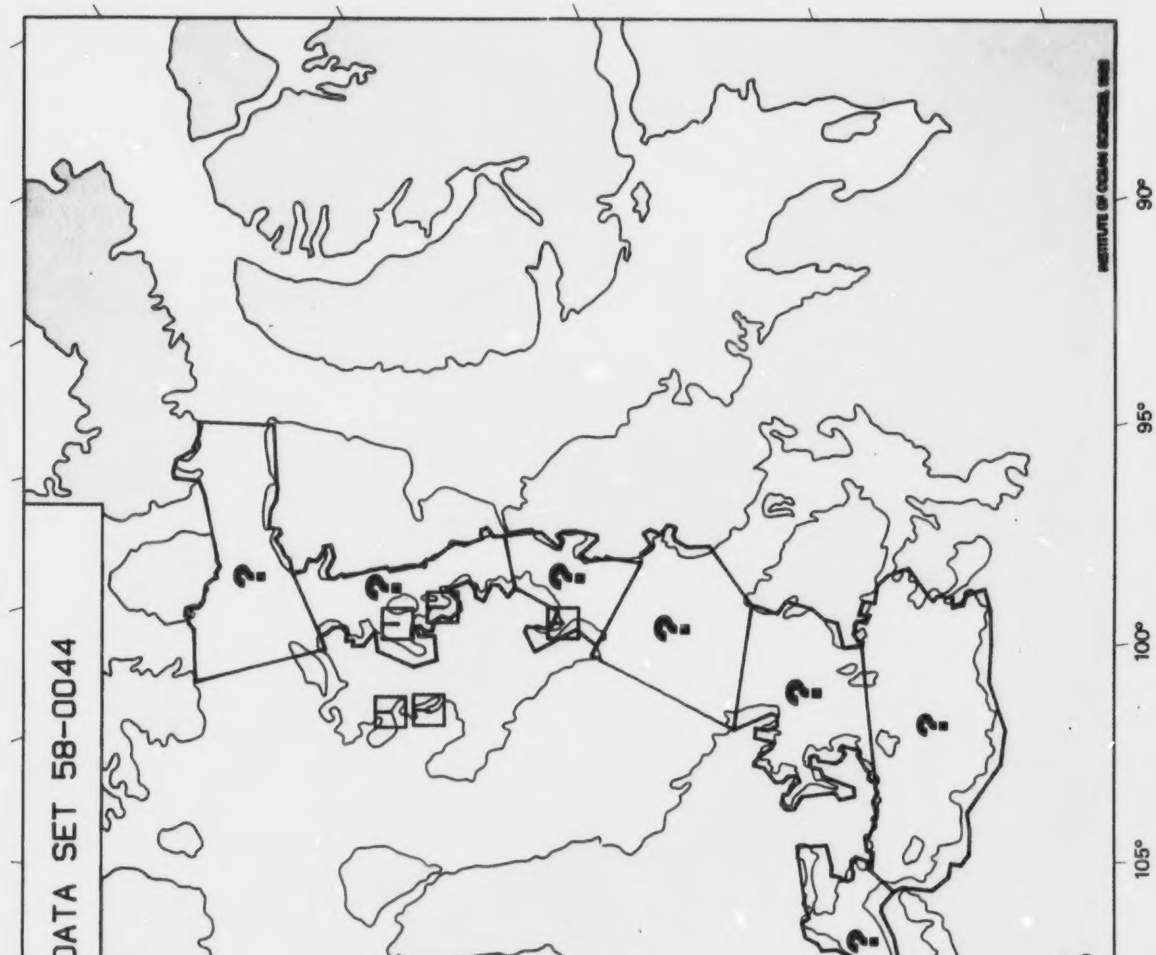

DATA SET 55-0039
1955
RAS
SS
?
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982

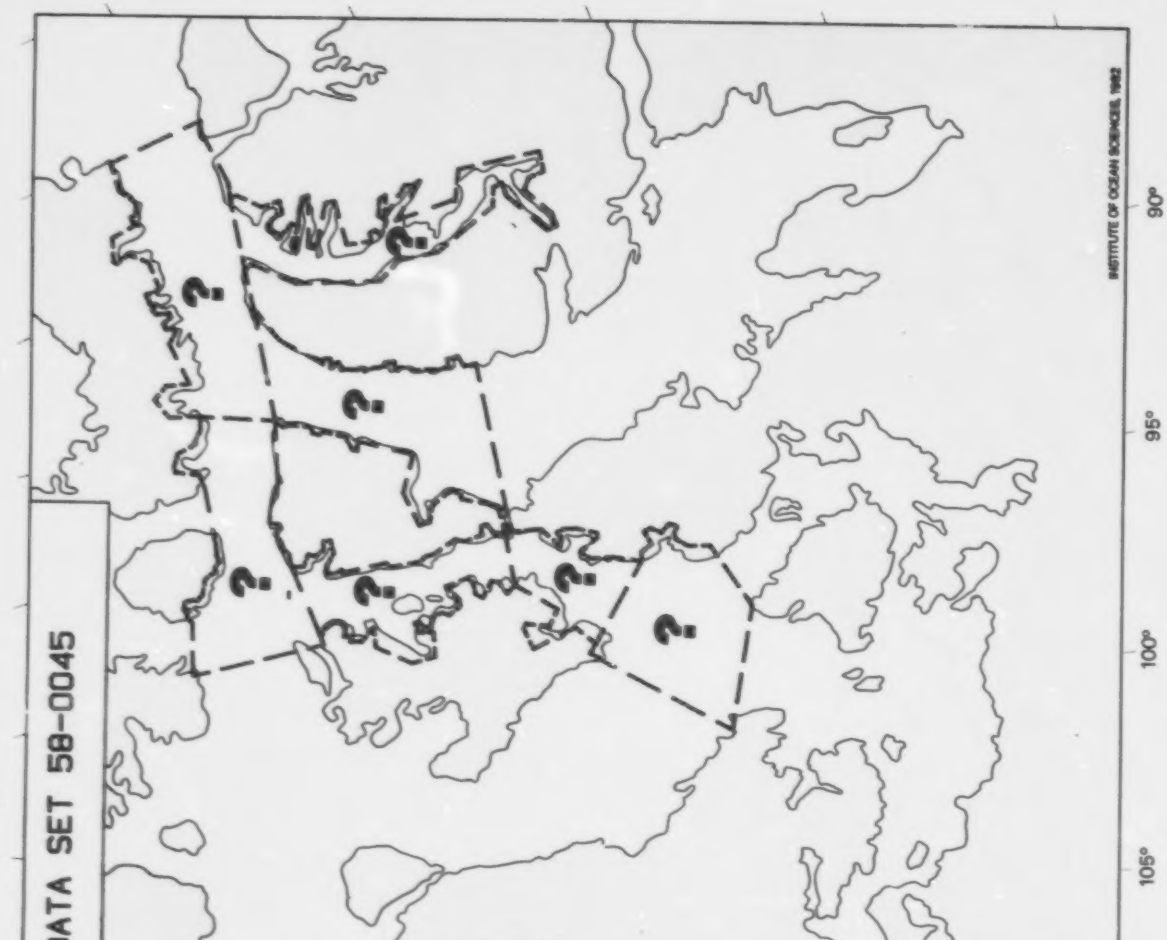

DATA SET 56-0035
1956
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

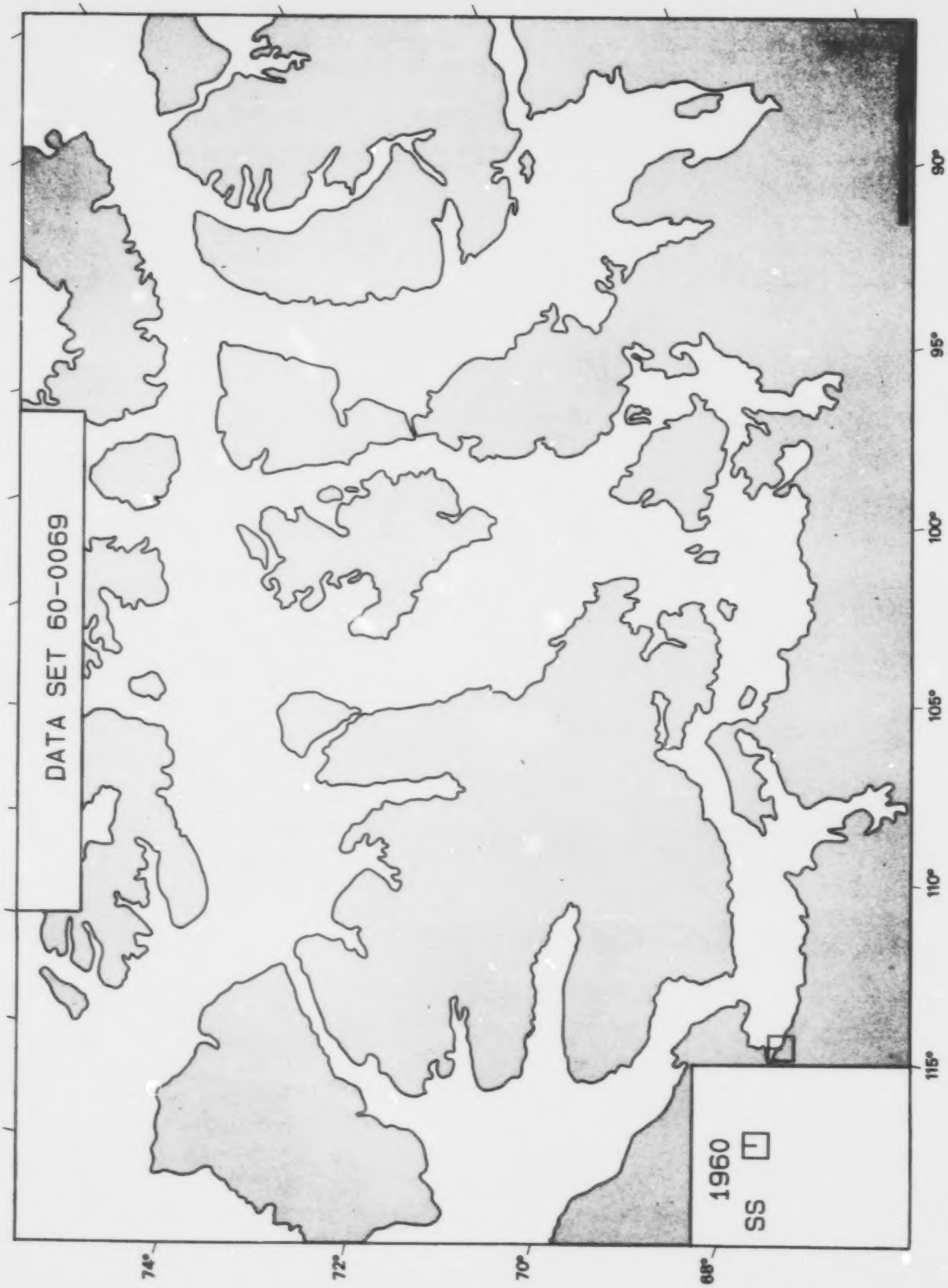

DATA SET 57-0020
1957
RVS
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES

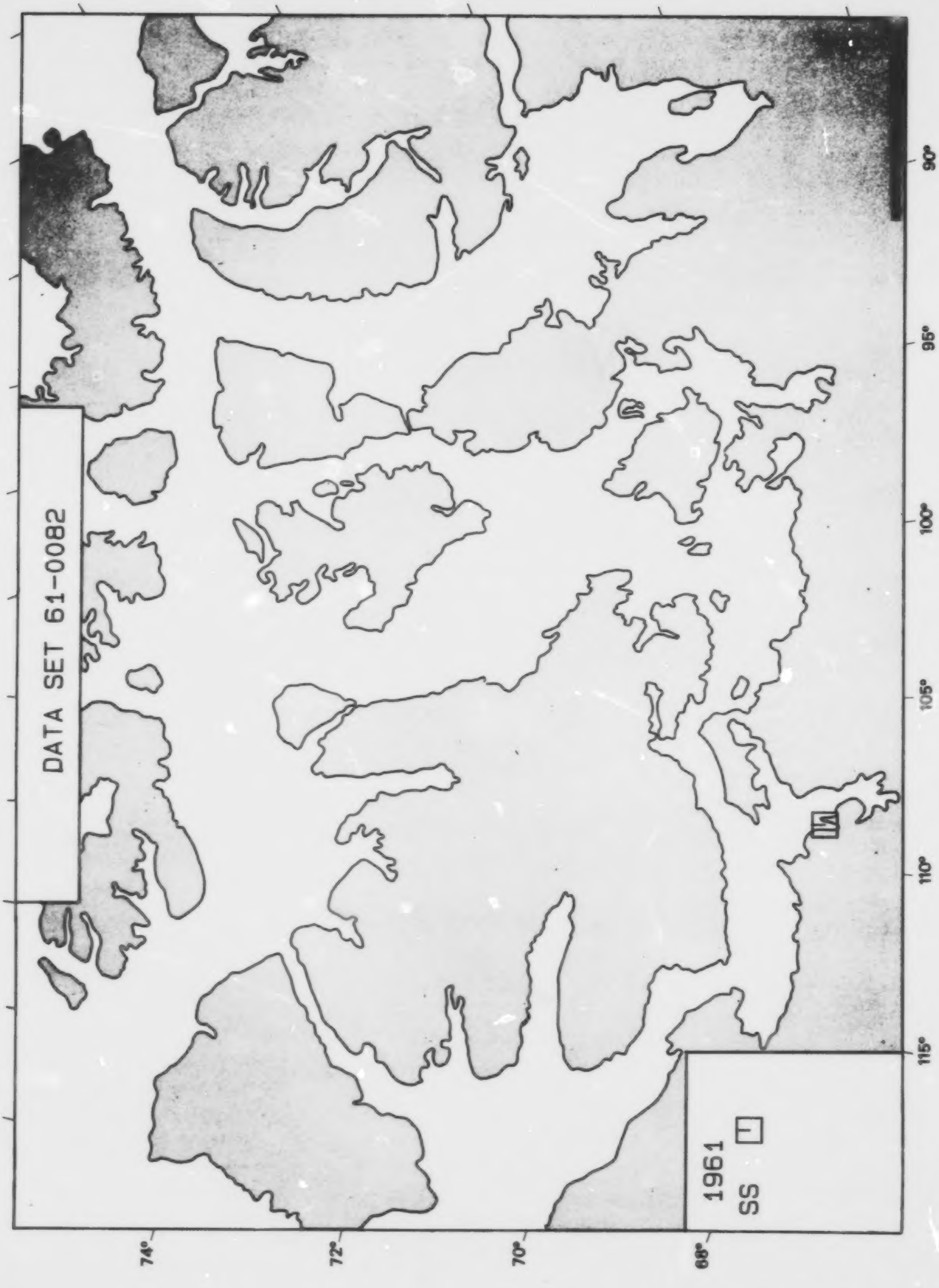

DATA SET 57-0045
1957
SS
RVS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

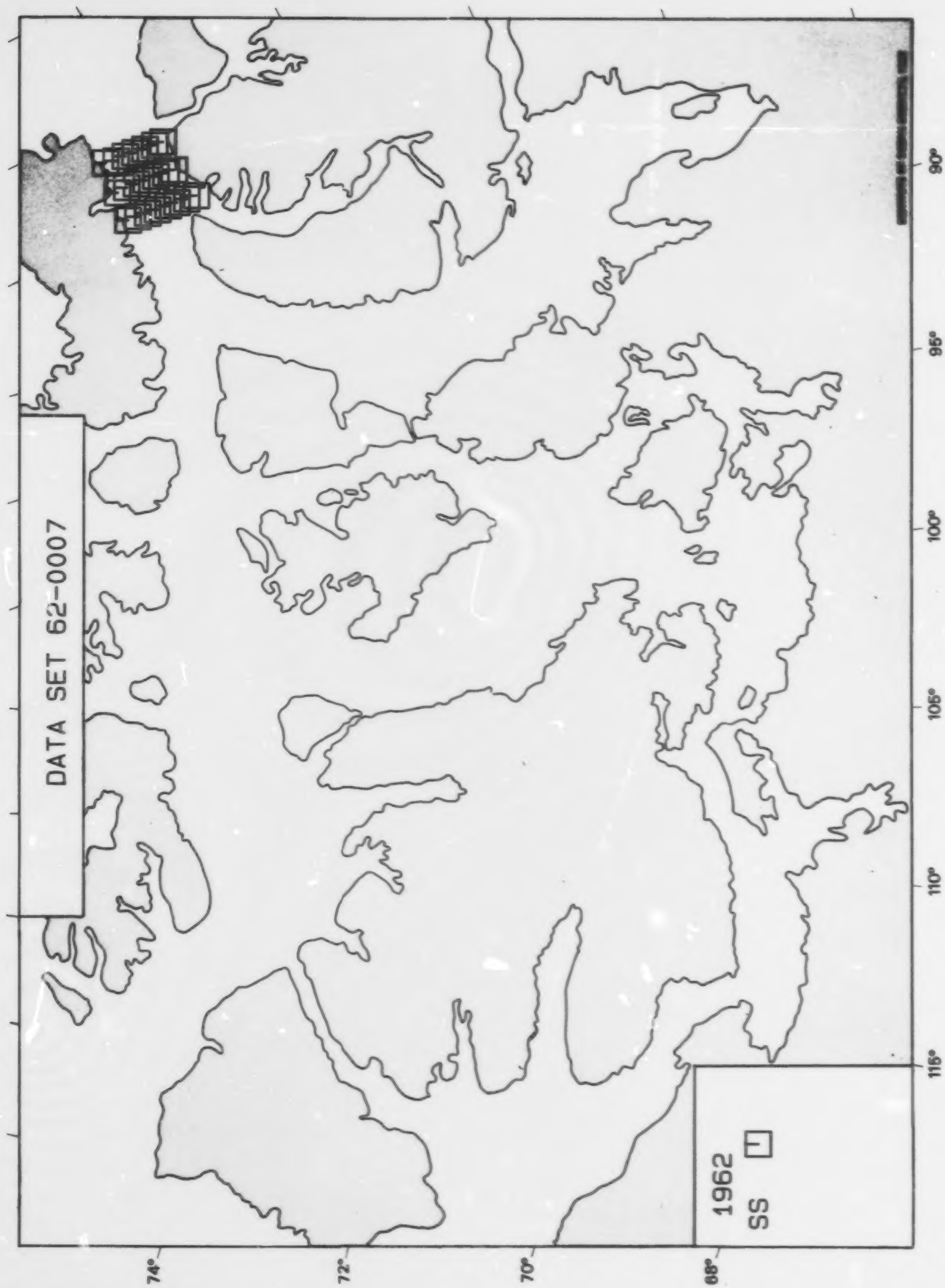

DATA SET 57-0045
1957
SS
RVS
71°
70°
69°
68°
67°
84°
88°
92°
96°
100°
INSTITUTE OF OCEAN SCIENCES 1982

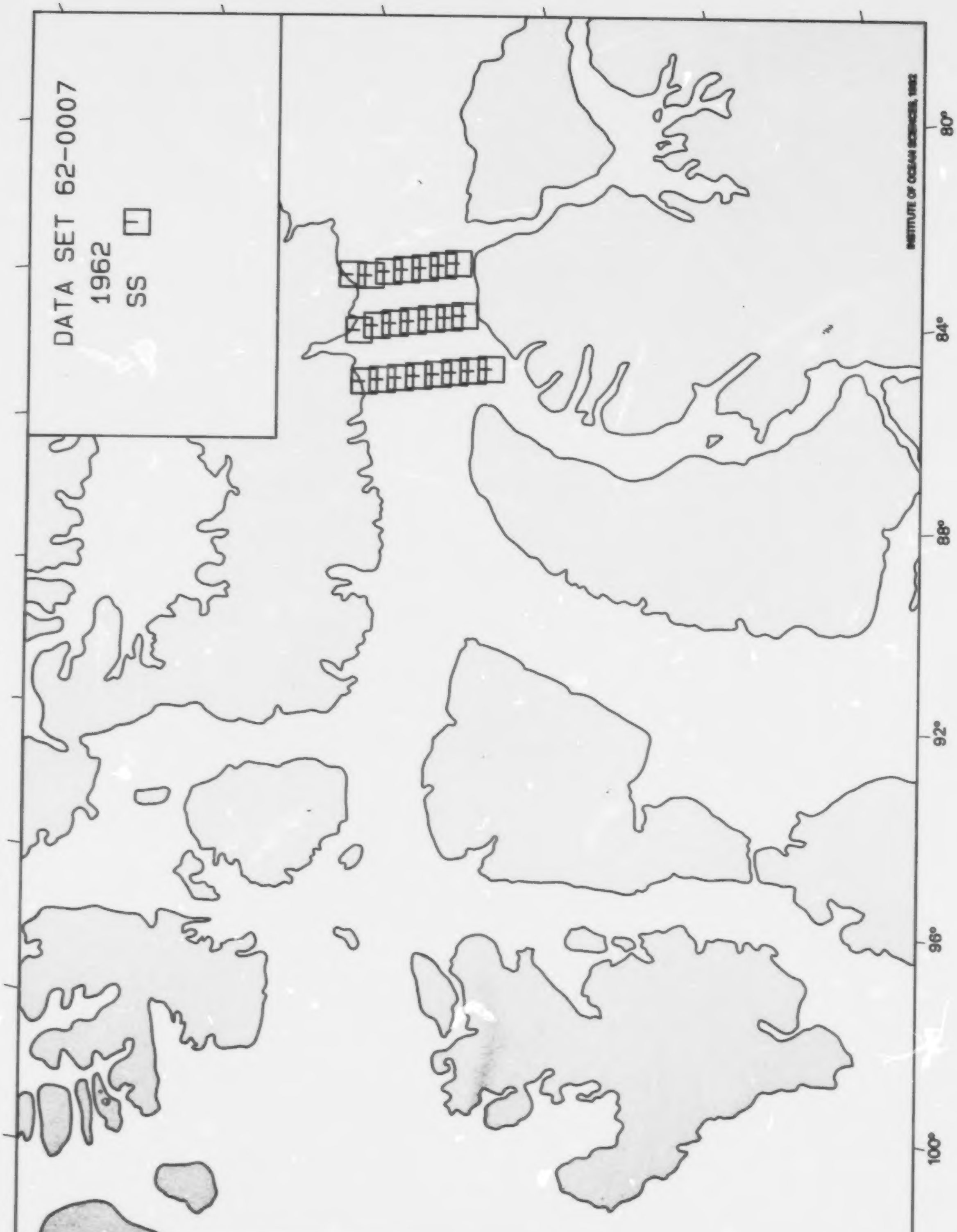

DATA SET 58-0044
1958
A11
SS
?
?
?
?
?
?
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES

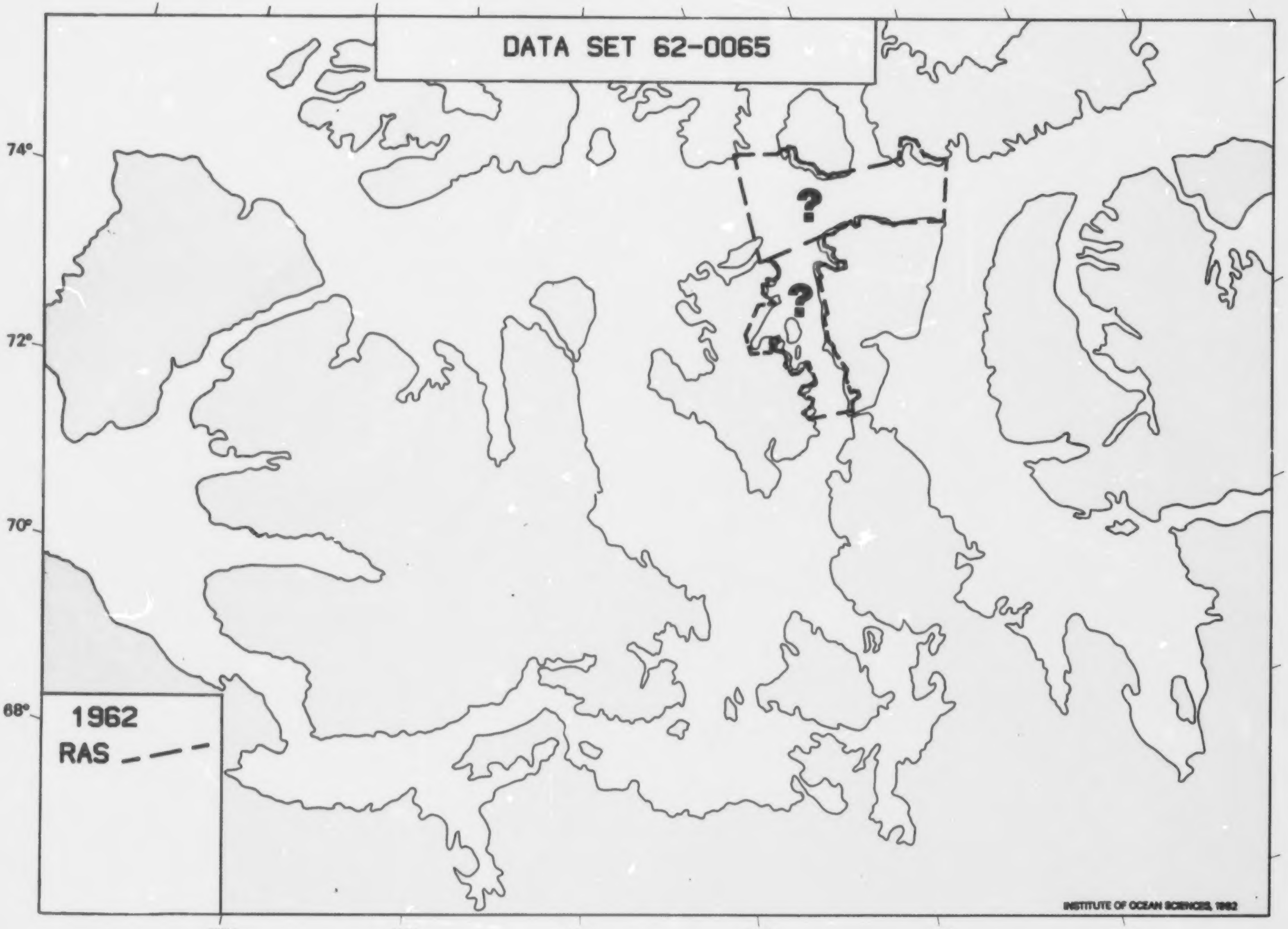

DATA SET 58-0045
1958
RAS
?
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°
INSTITUTE OF OCEAN SCIENCES, 1982

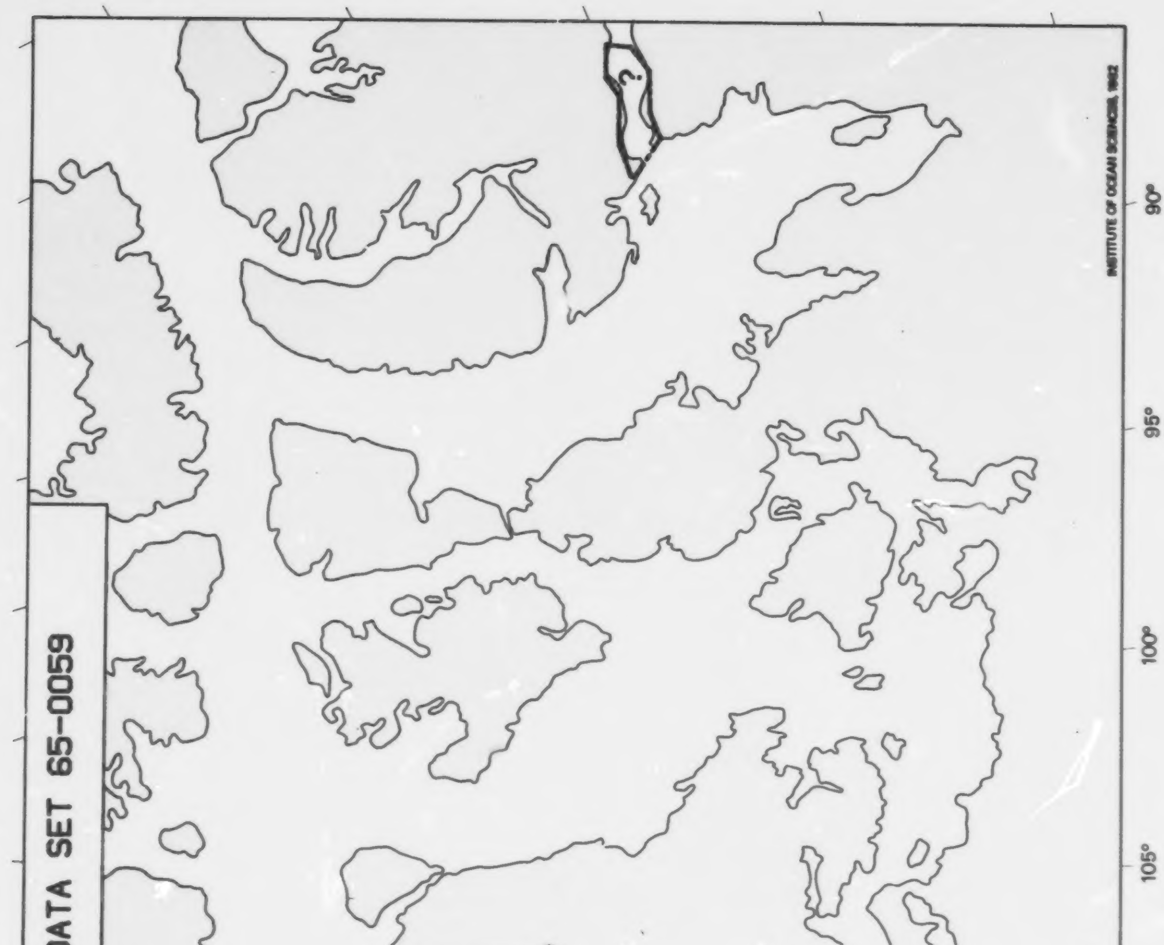

DATA SET 60-0069
1960
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

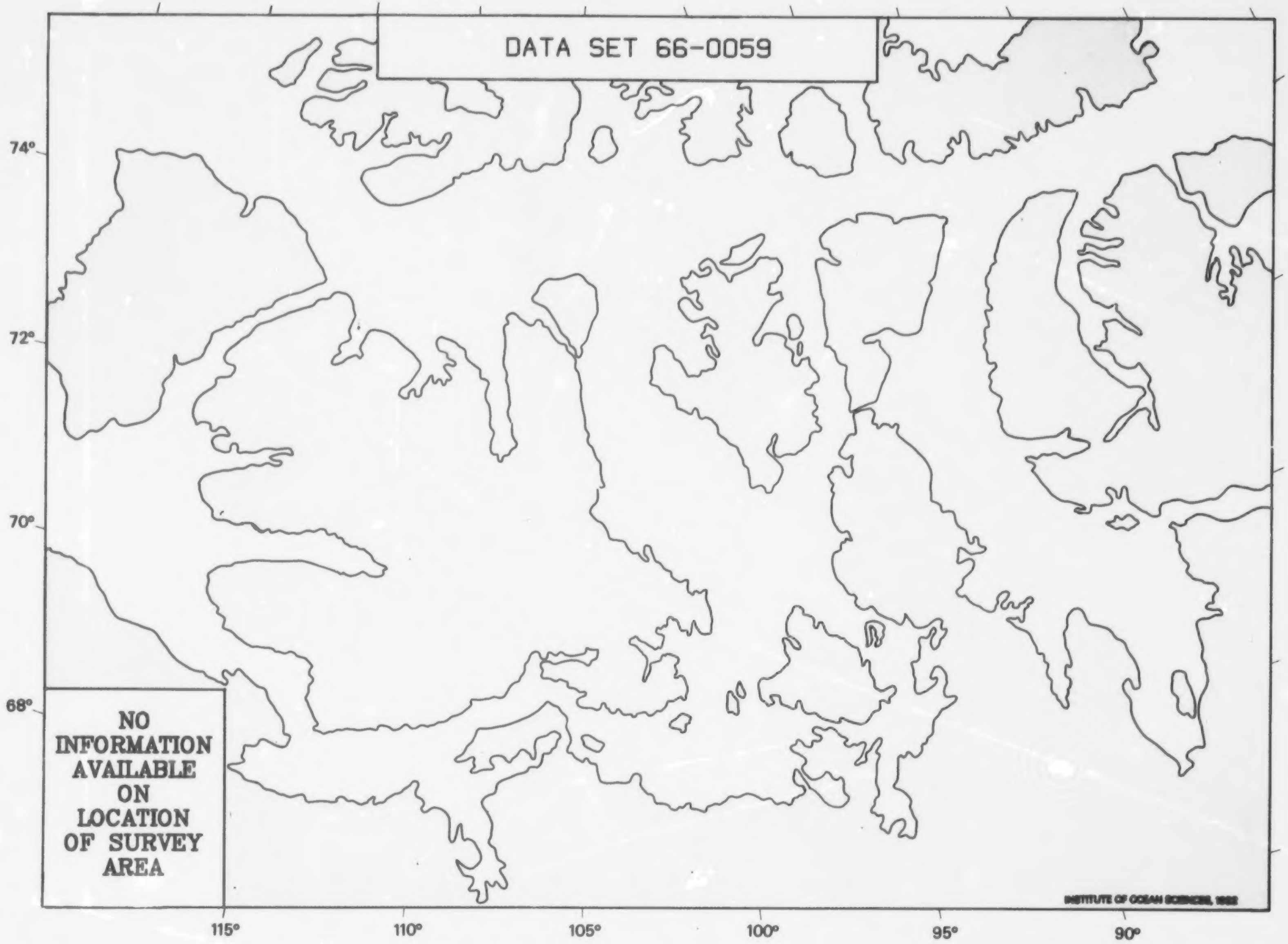

DATA SET 61-0082
1961
SS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

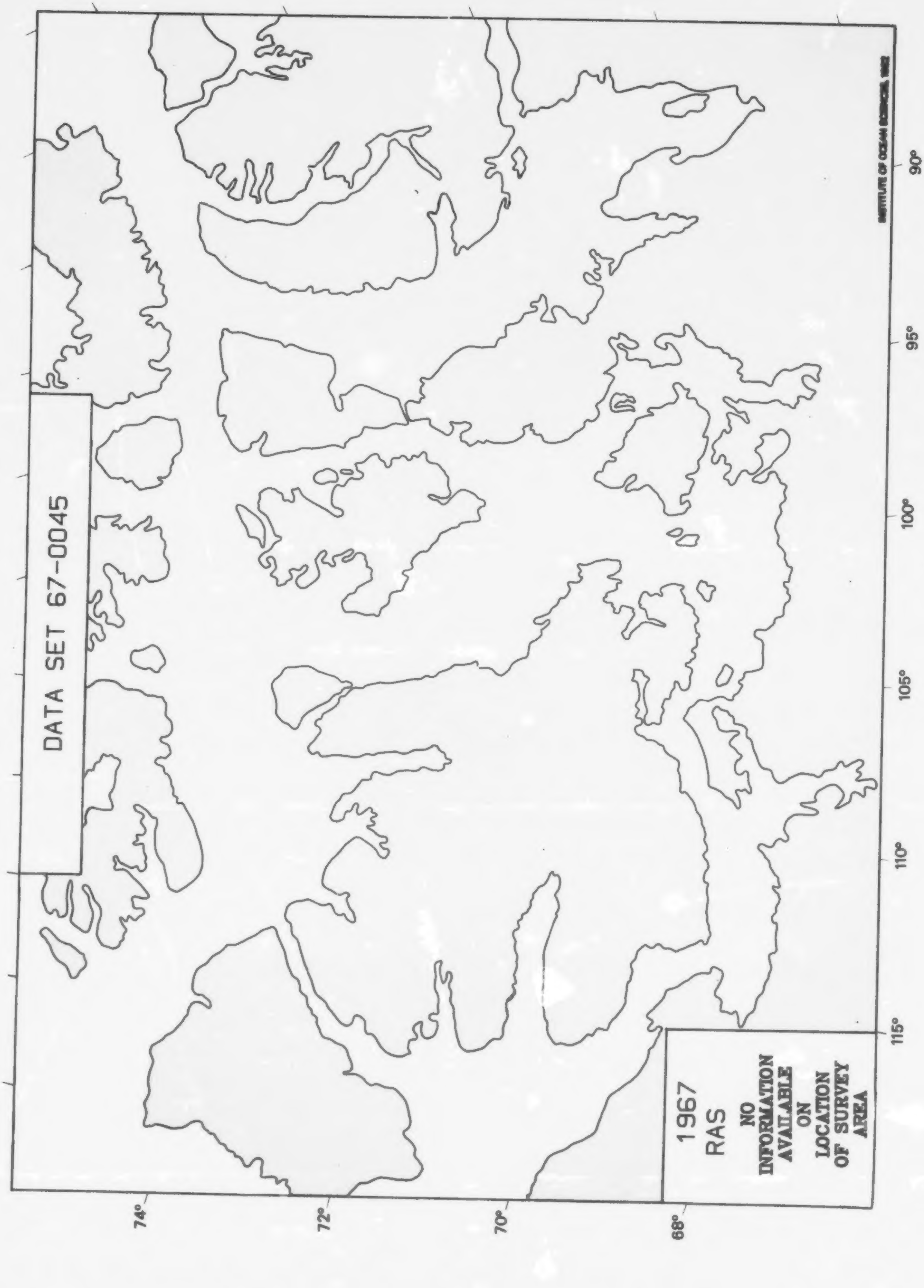

DATA SET 62-0007
1962
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°


DATA SET 62-0007
1962
SS
80°
84°
88°
92°
96°
100°
76°
75°
74°
73°
72°
71°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 62-0065
?
?
74°
72°
70°
68°
1962
RAS
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 65-0059
1965
NS
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

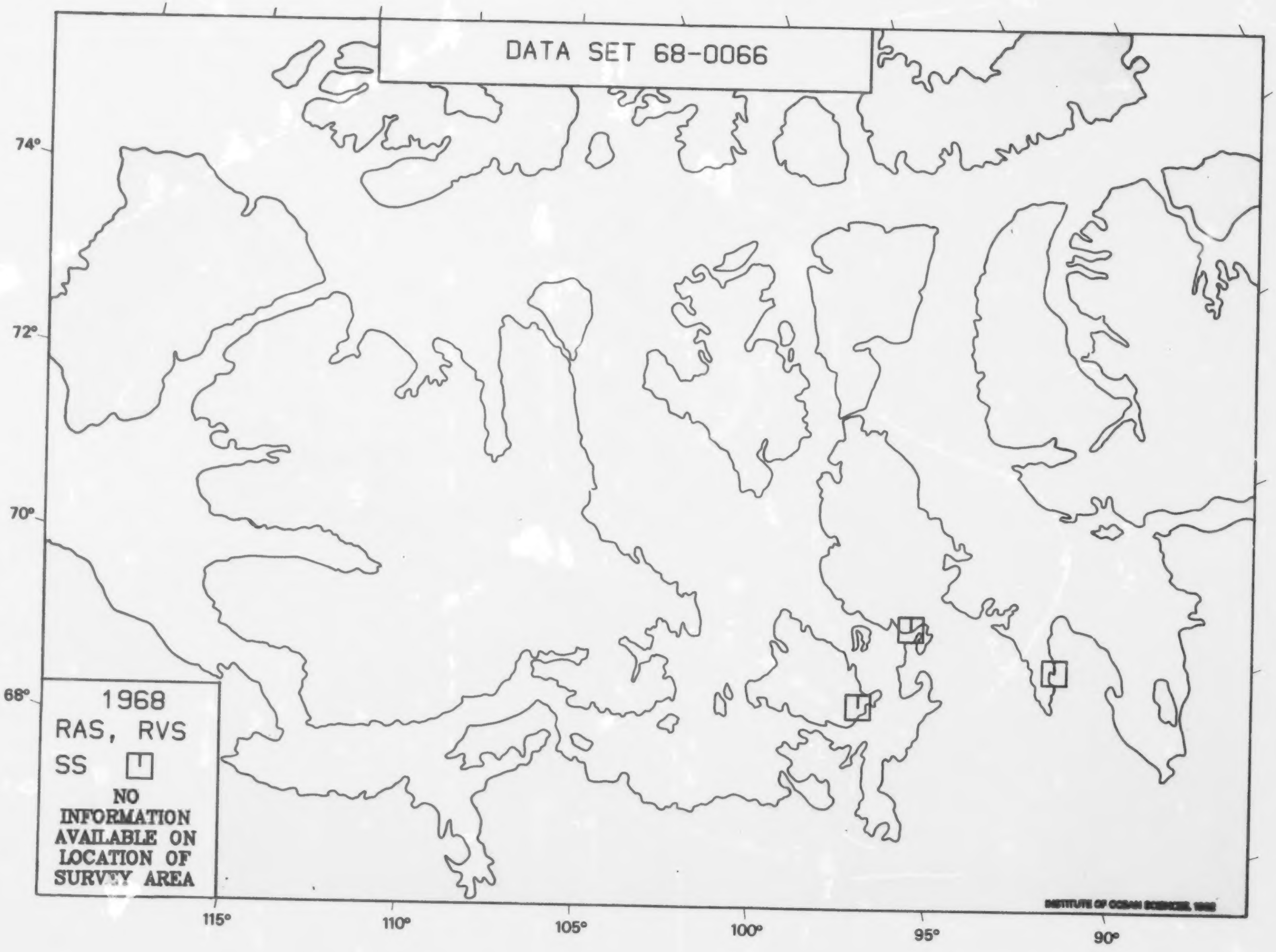

DATA SET 66-0059
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982



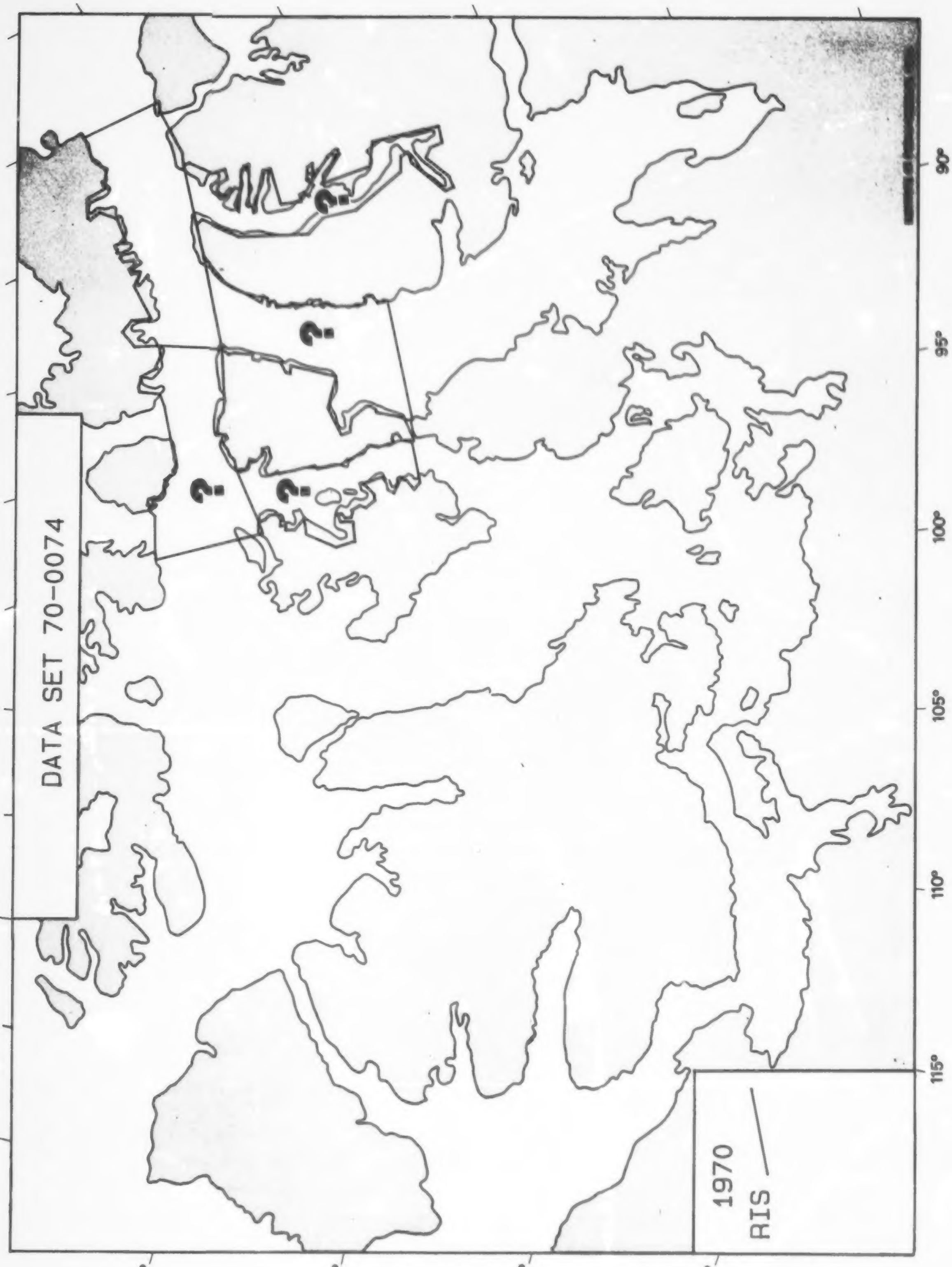
DATA SET 67-0045

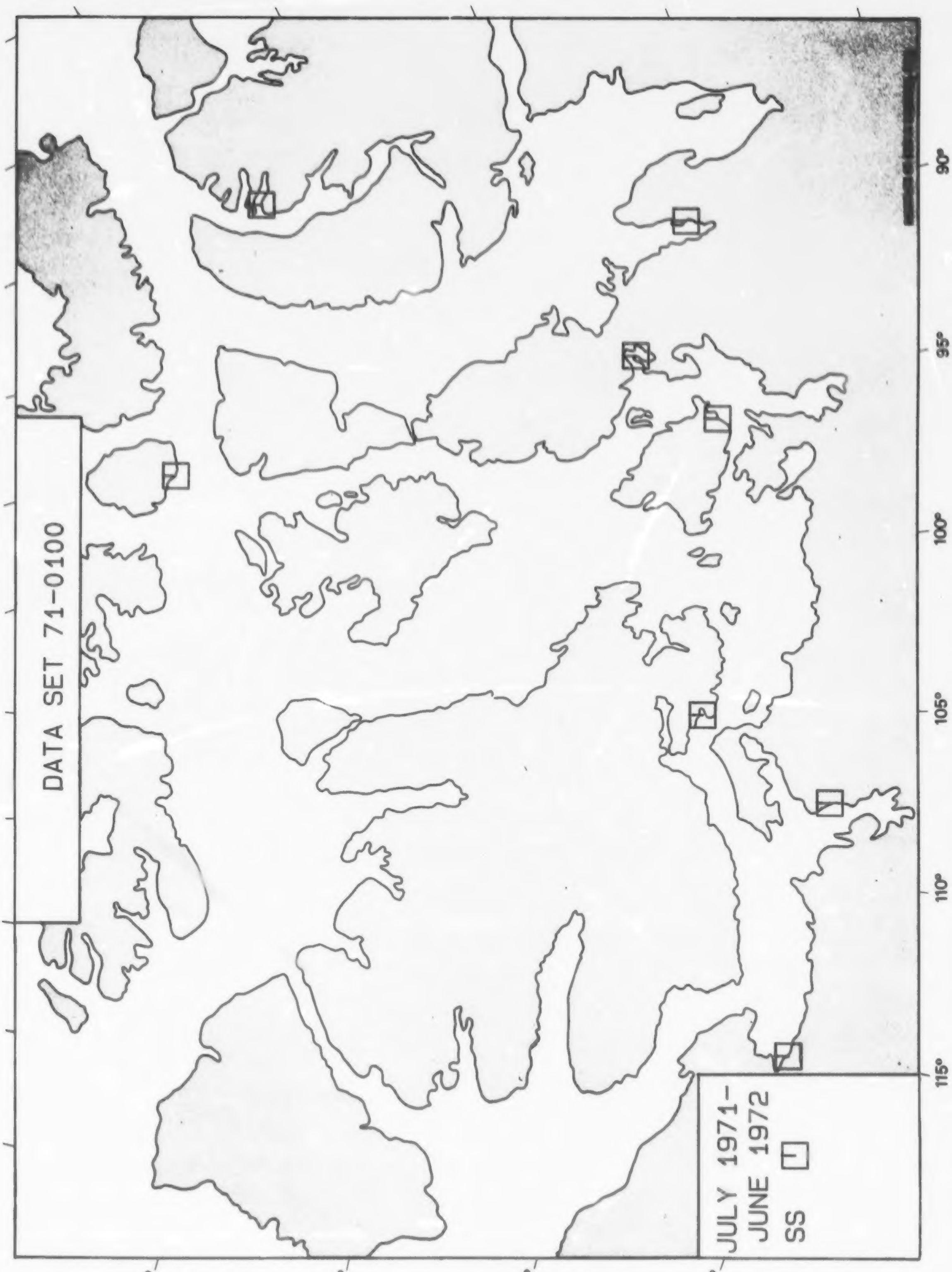
1967
RAS
NO
INFORMATION
AVAILABLE
ON
LOCATION
OF SURVEY
AREA

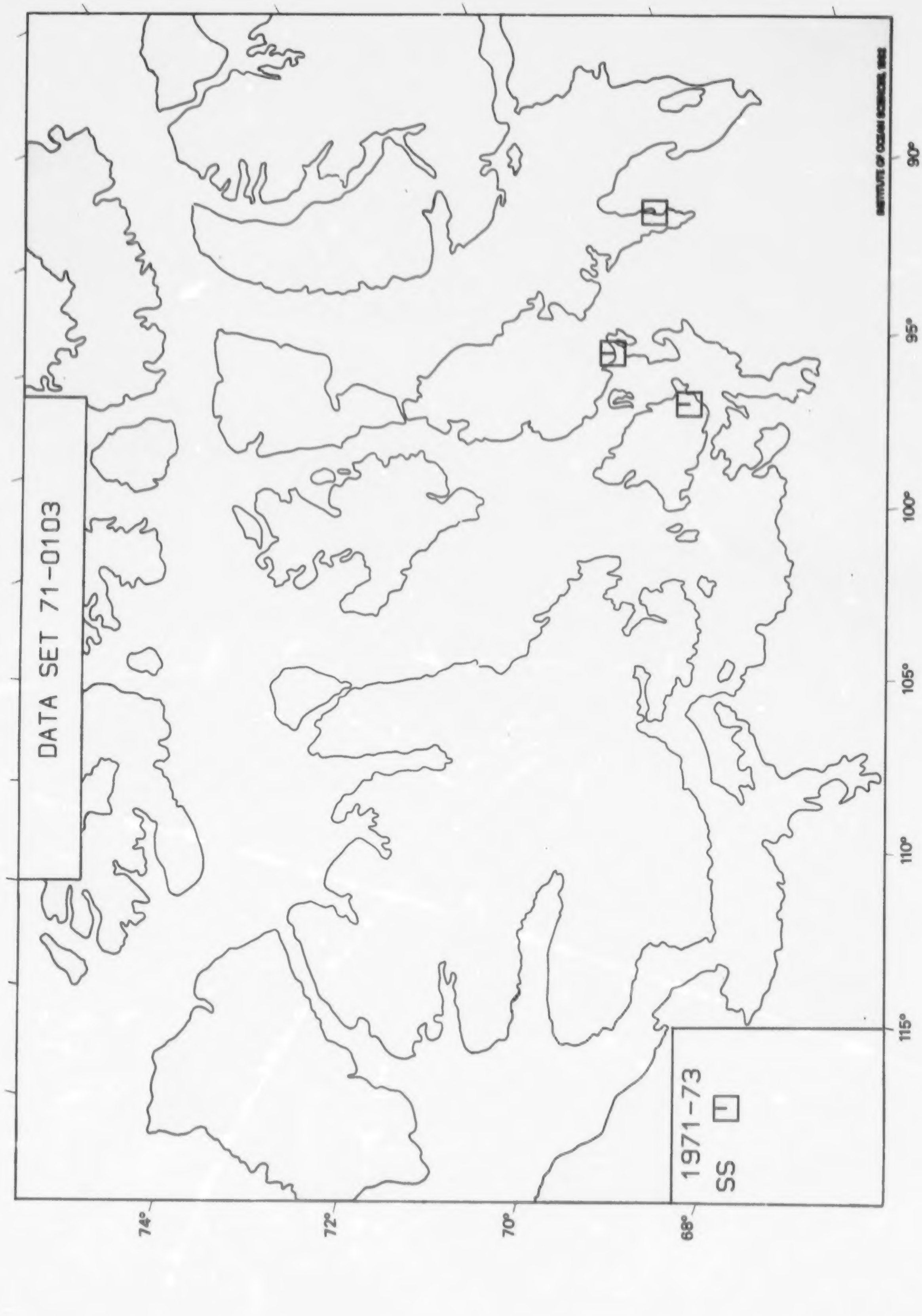
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°
INSTITUTE OF OCEAN SCIENCES, 1982

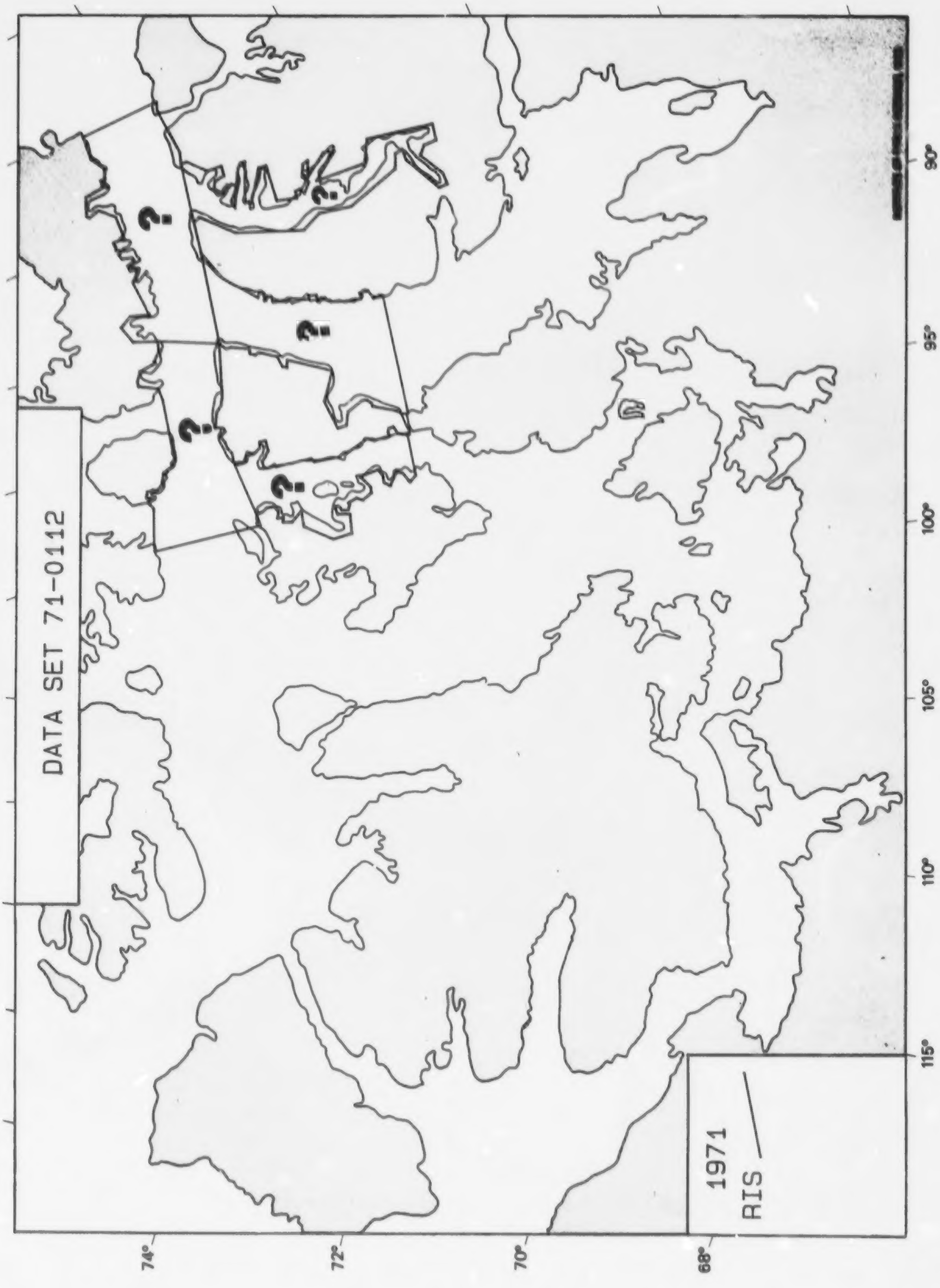

DATA SET 68-0066

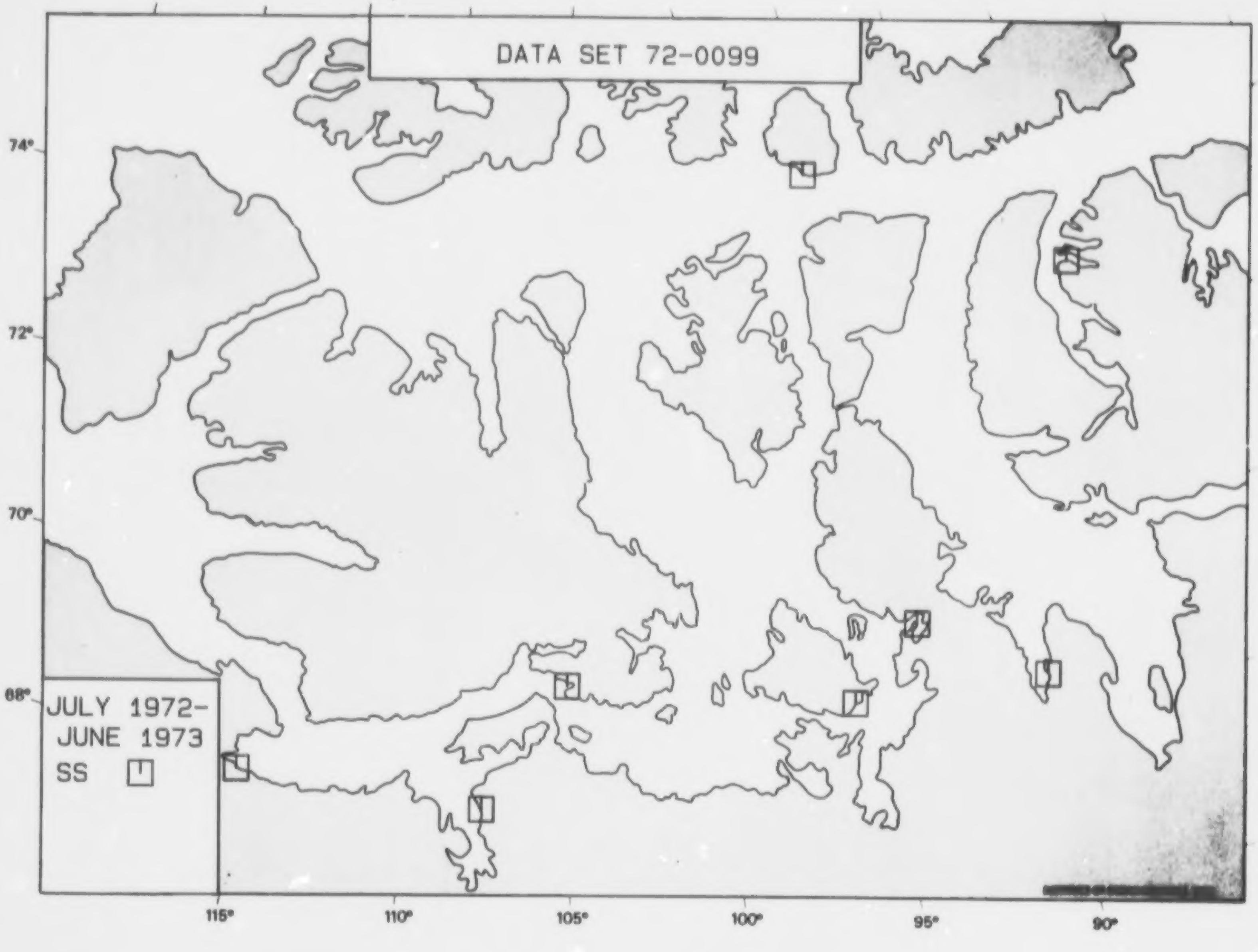
74°
72°
70°
68°
1968
RAS, RVS
SS
NO INFORMATION AVAILABLE ON LOCATION OF SURVEY AREA
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, [illegible]

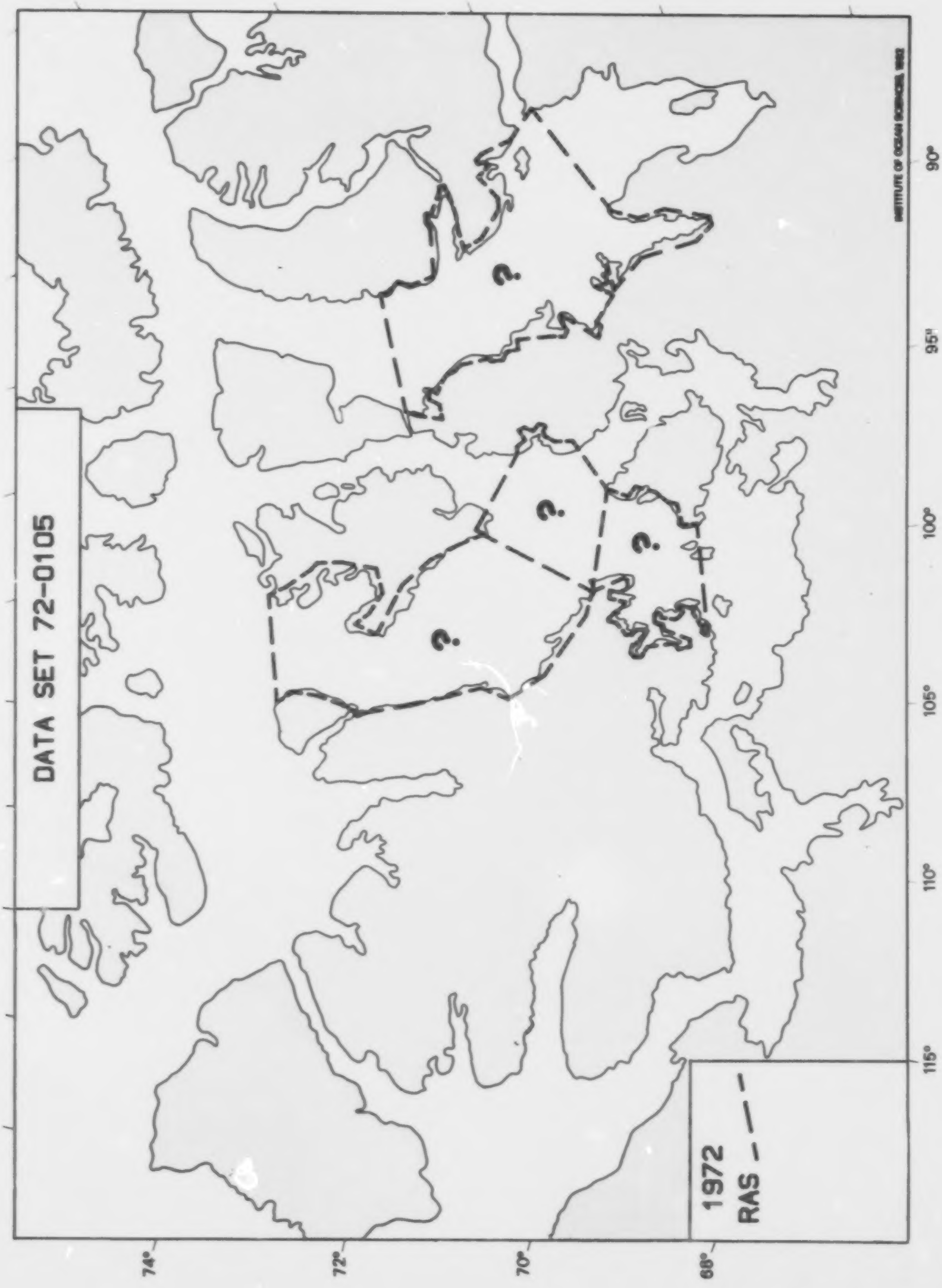

DATA SET 70-0074
1970
RIS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

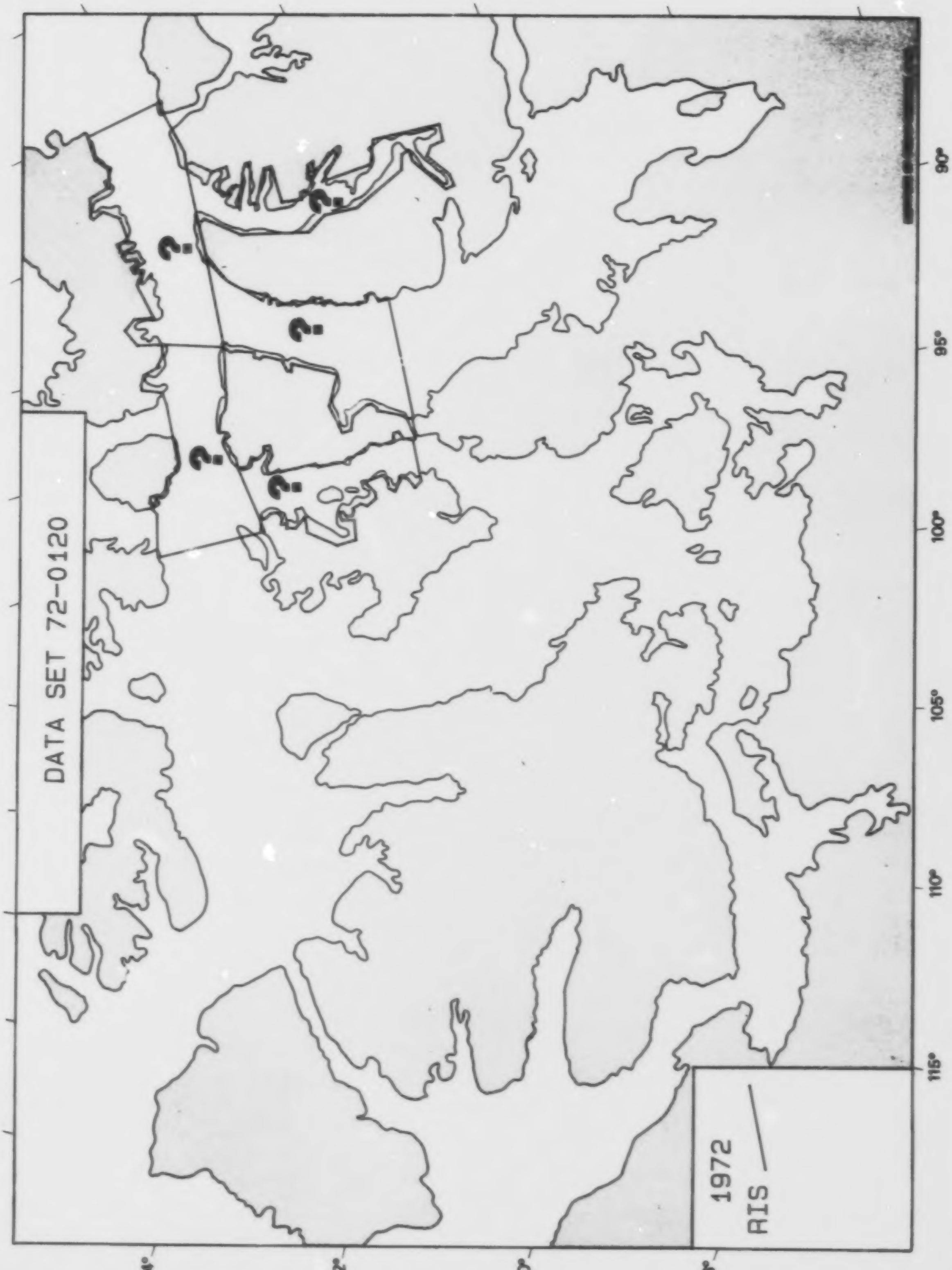

DATA SET 71-0100
JULY 1971-
JUNE 1972
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

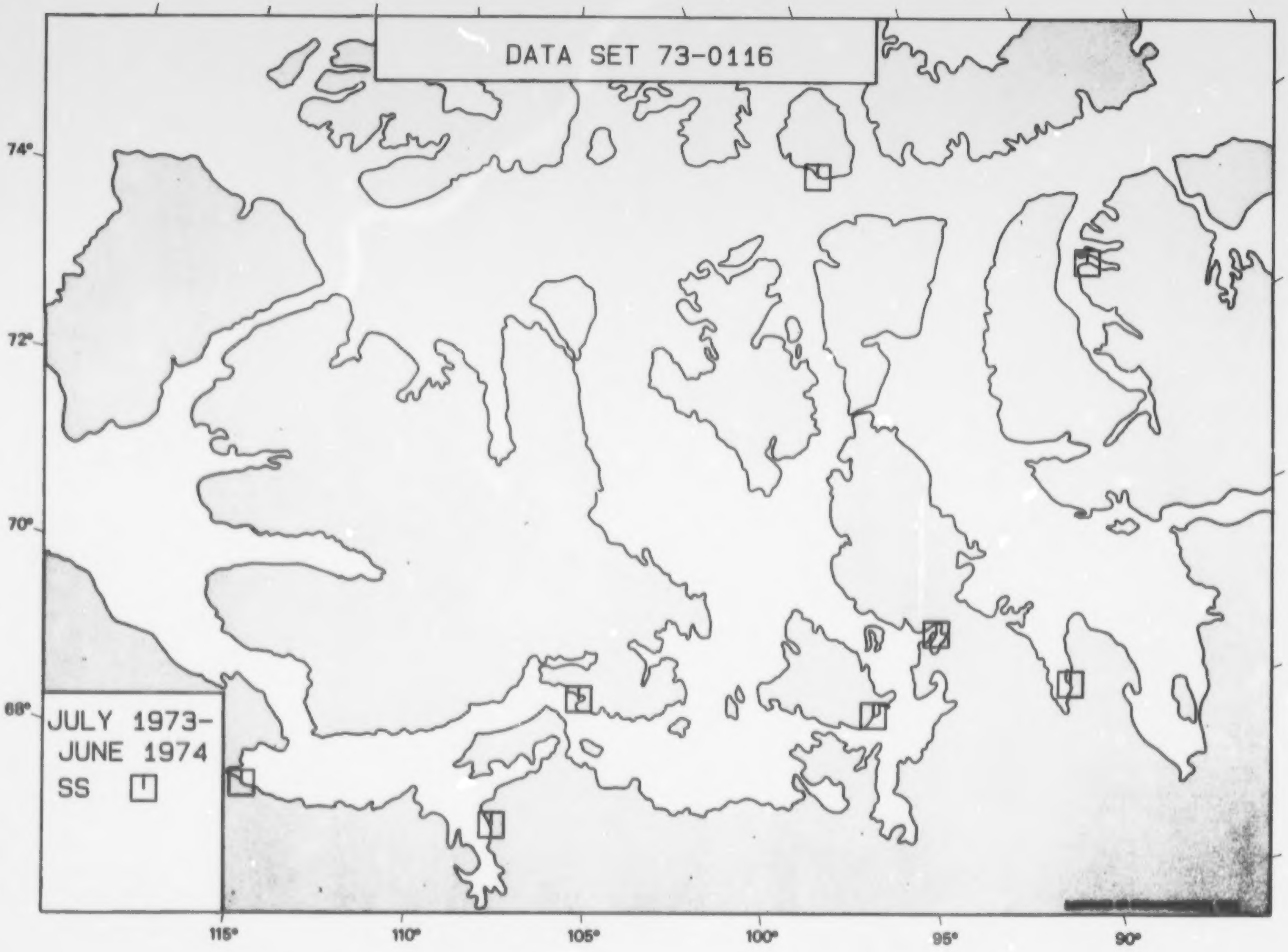

DATA SET 71-0103
1971-73
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

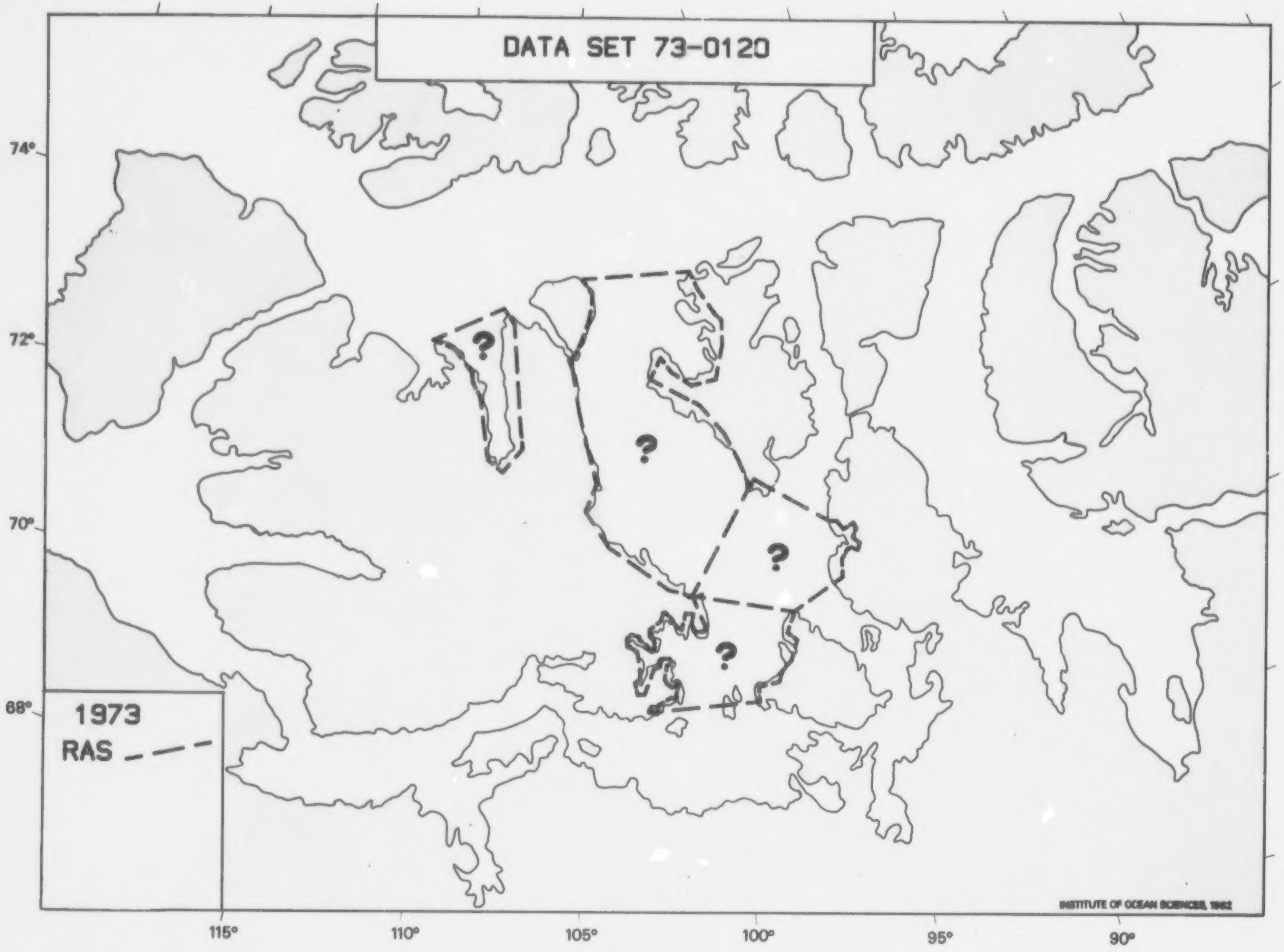

DATA SET 71-0112
1971
RIS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
?
?
?
?
?

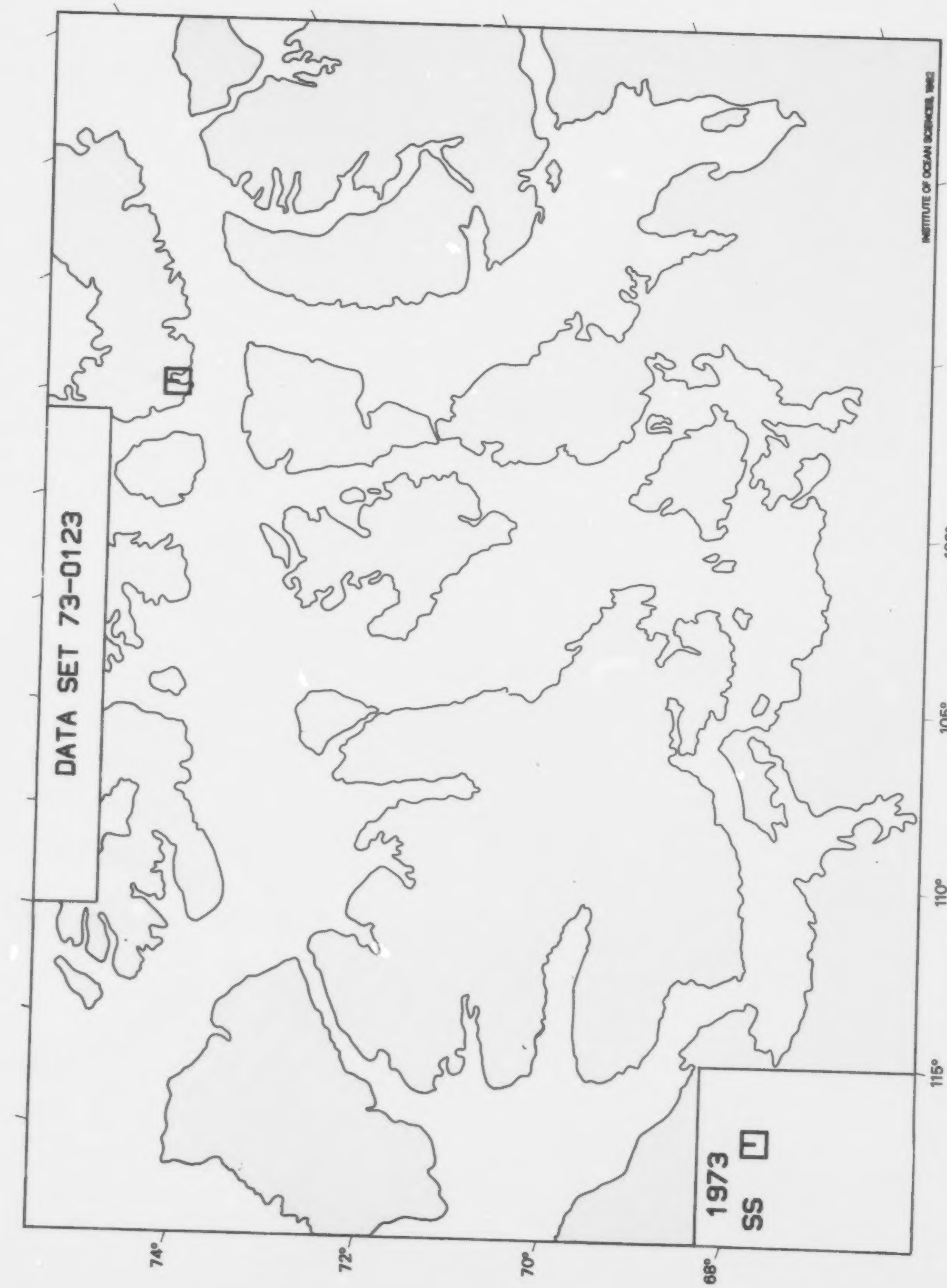

DATA SET 72-0099
74°
72°
70°
68°
JULY 1972-
JUNE 1973
SS
115°
110°
105°
100°
95°
90°

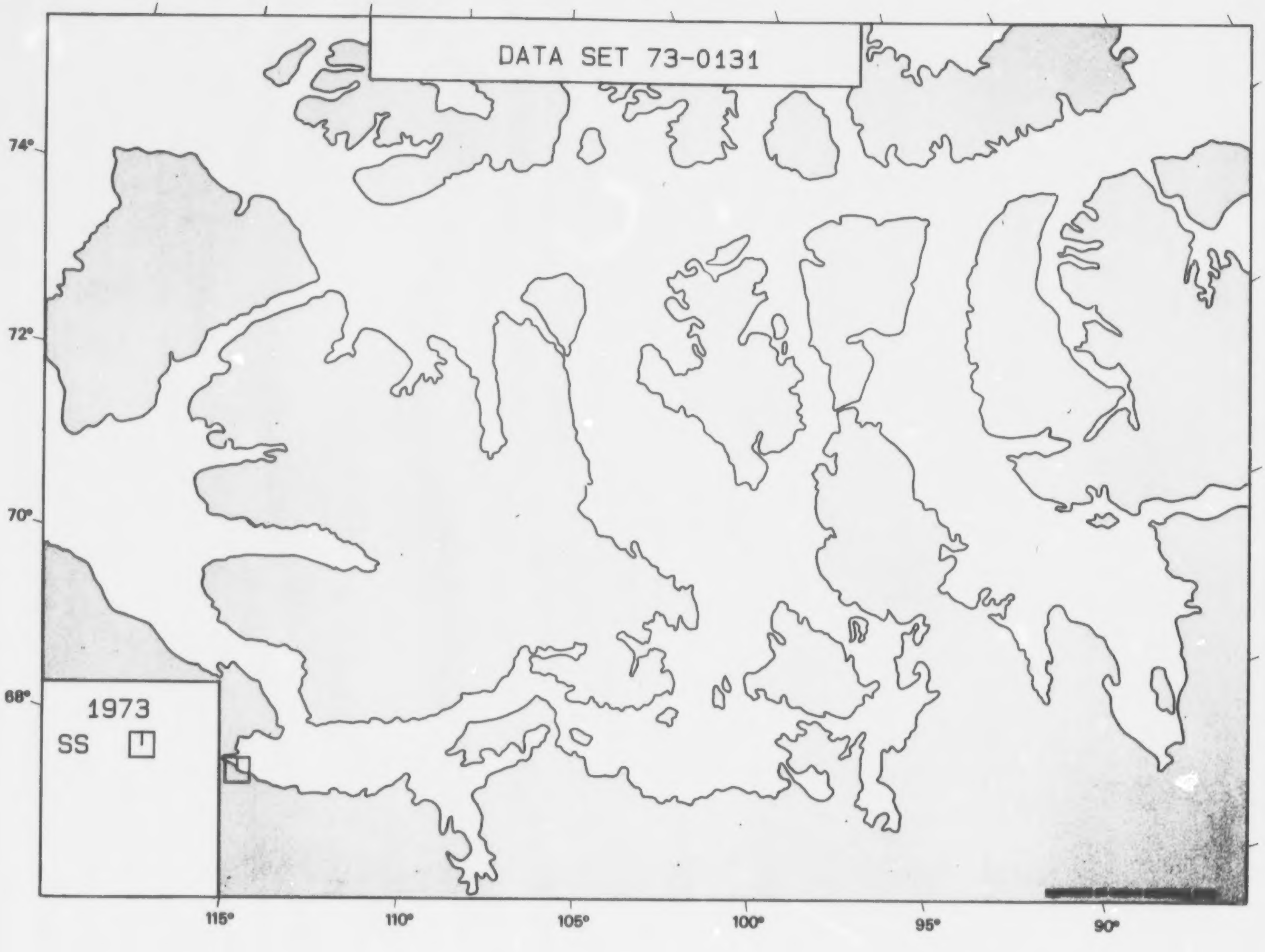

DATA SET 72-0105
1972
RAS
?
?
?
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

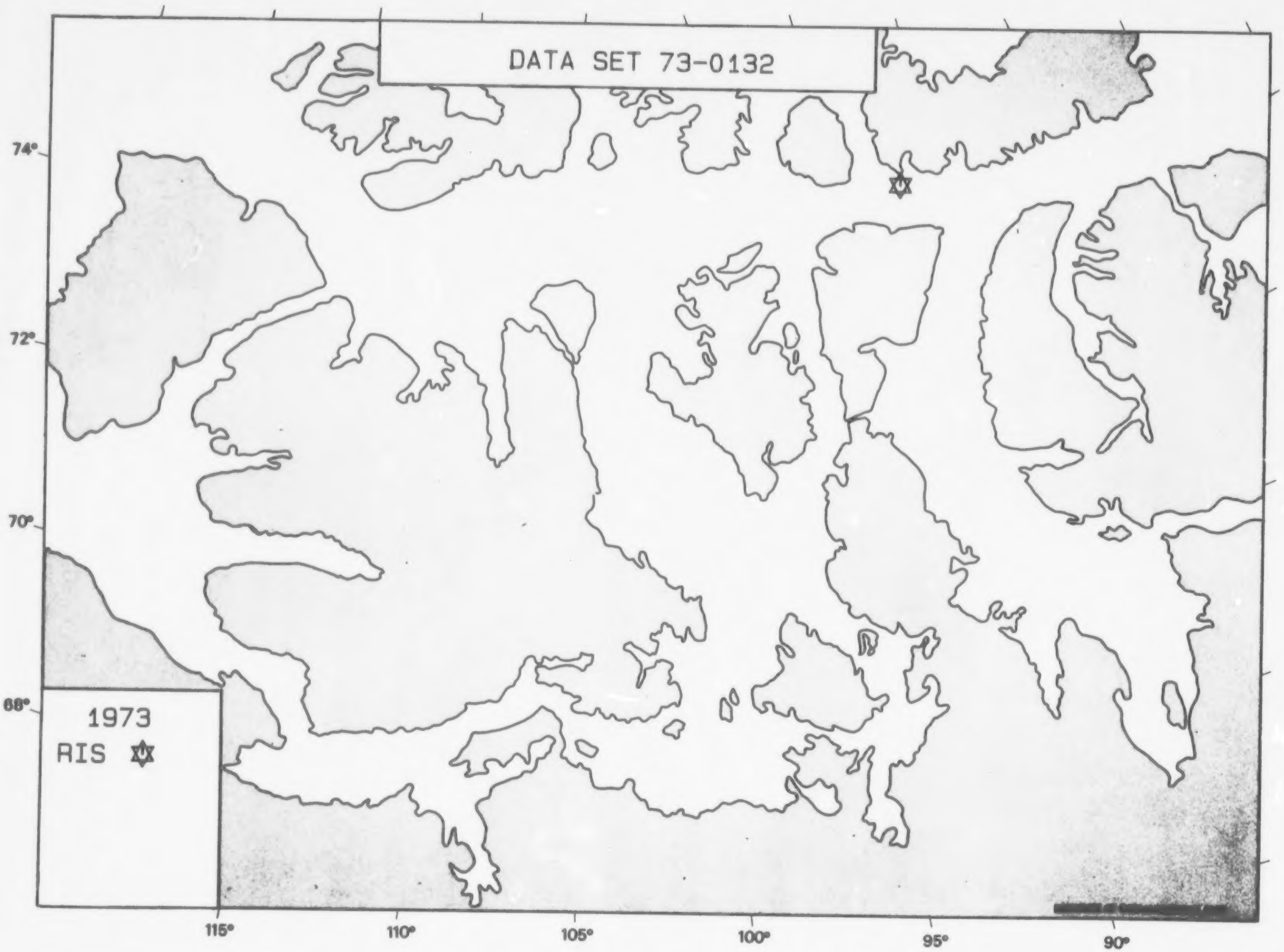

DATA SET 72-0120
?
?
?
?
?
1972
RIS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°


DATA SET 73-0116
JULY 1973-
JUNE 1974
SS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

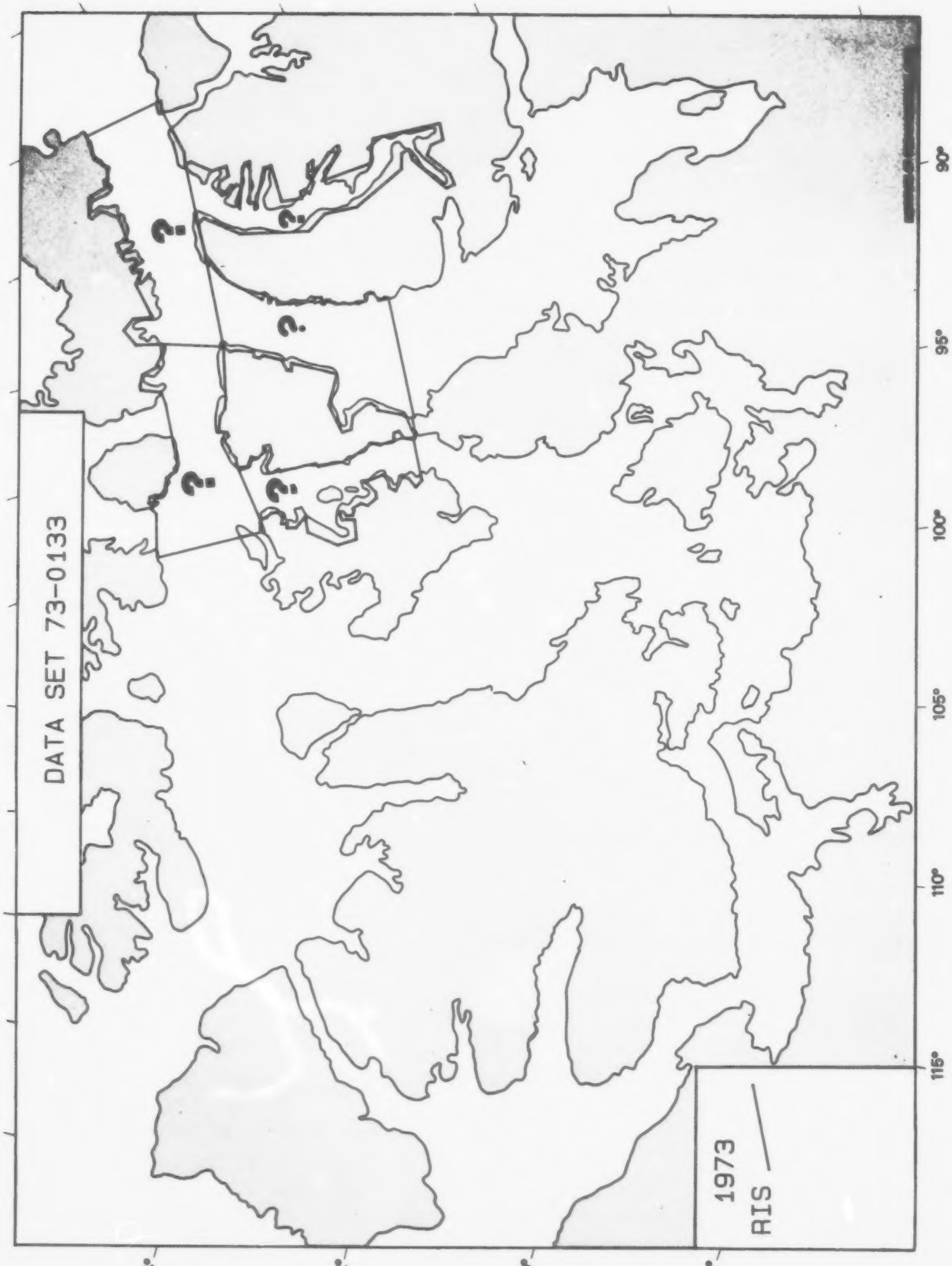

DATA SET 73-0120
74°
72°
70°
68°
?
?
?
?
1973
RAS
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982

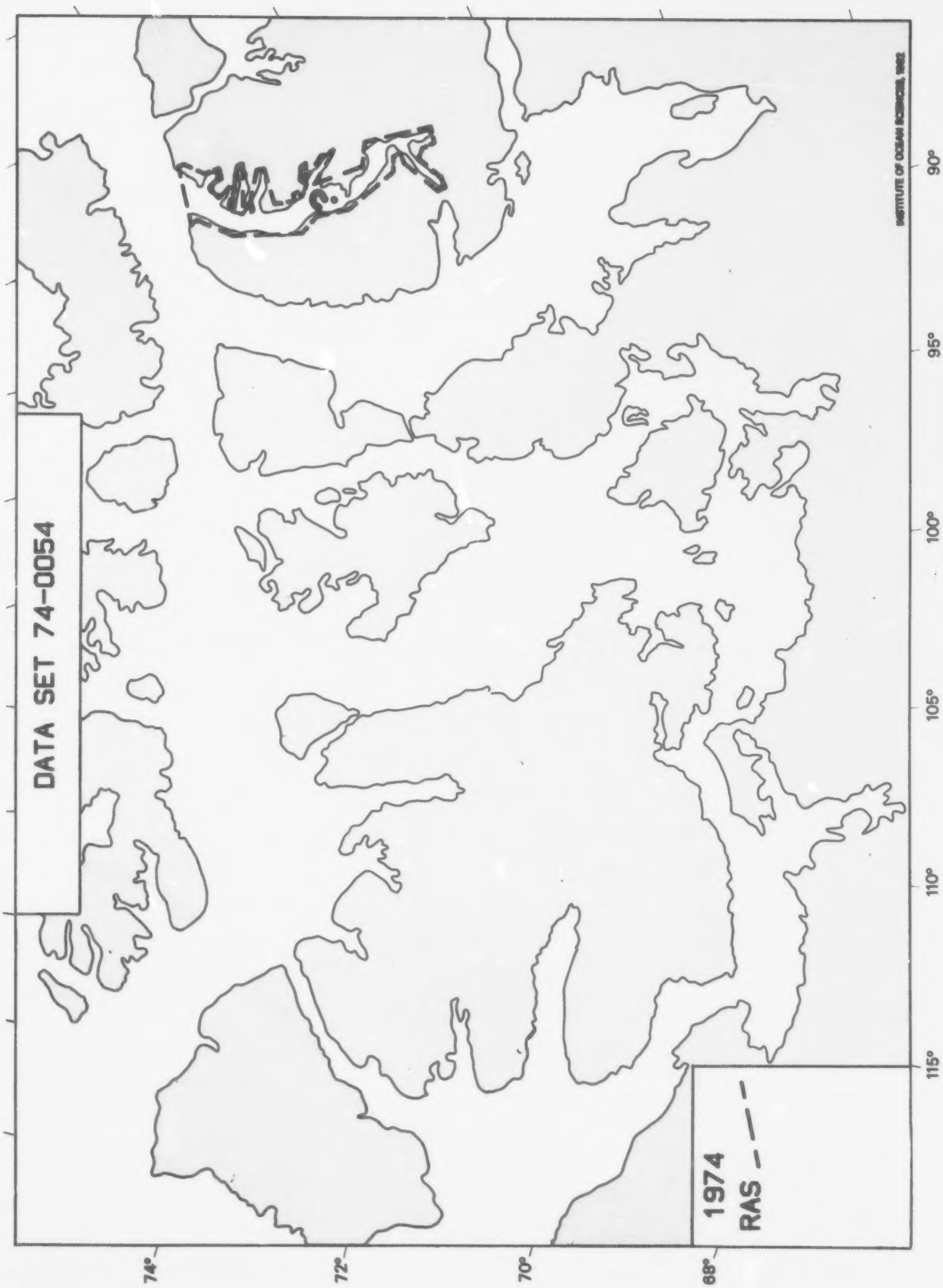

DATA SET 73-0123
1973
SS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

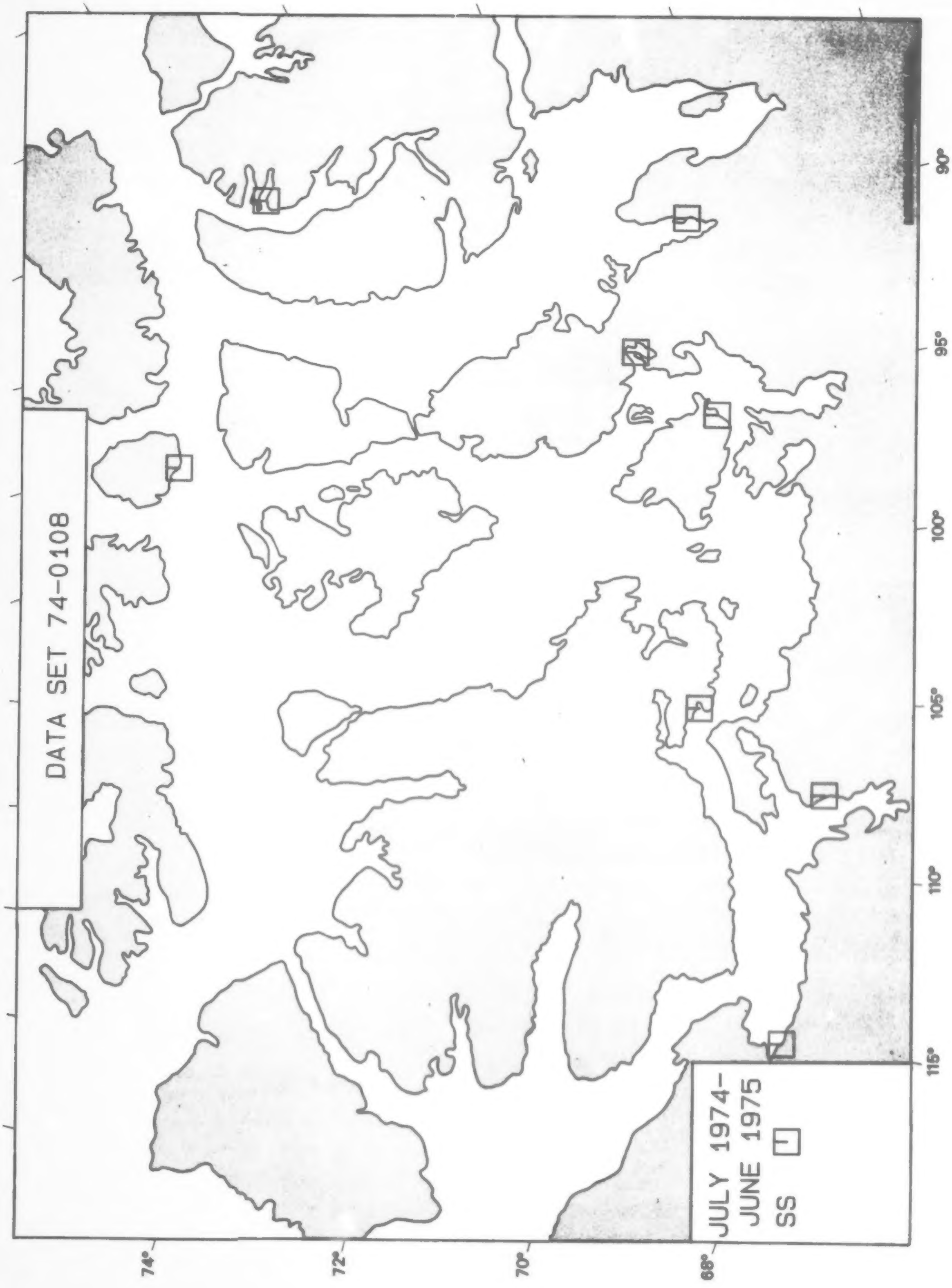

DATA SET 73-0131
1973
SS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

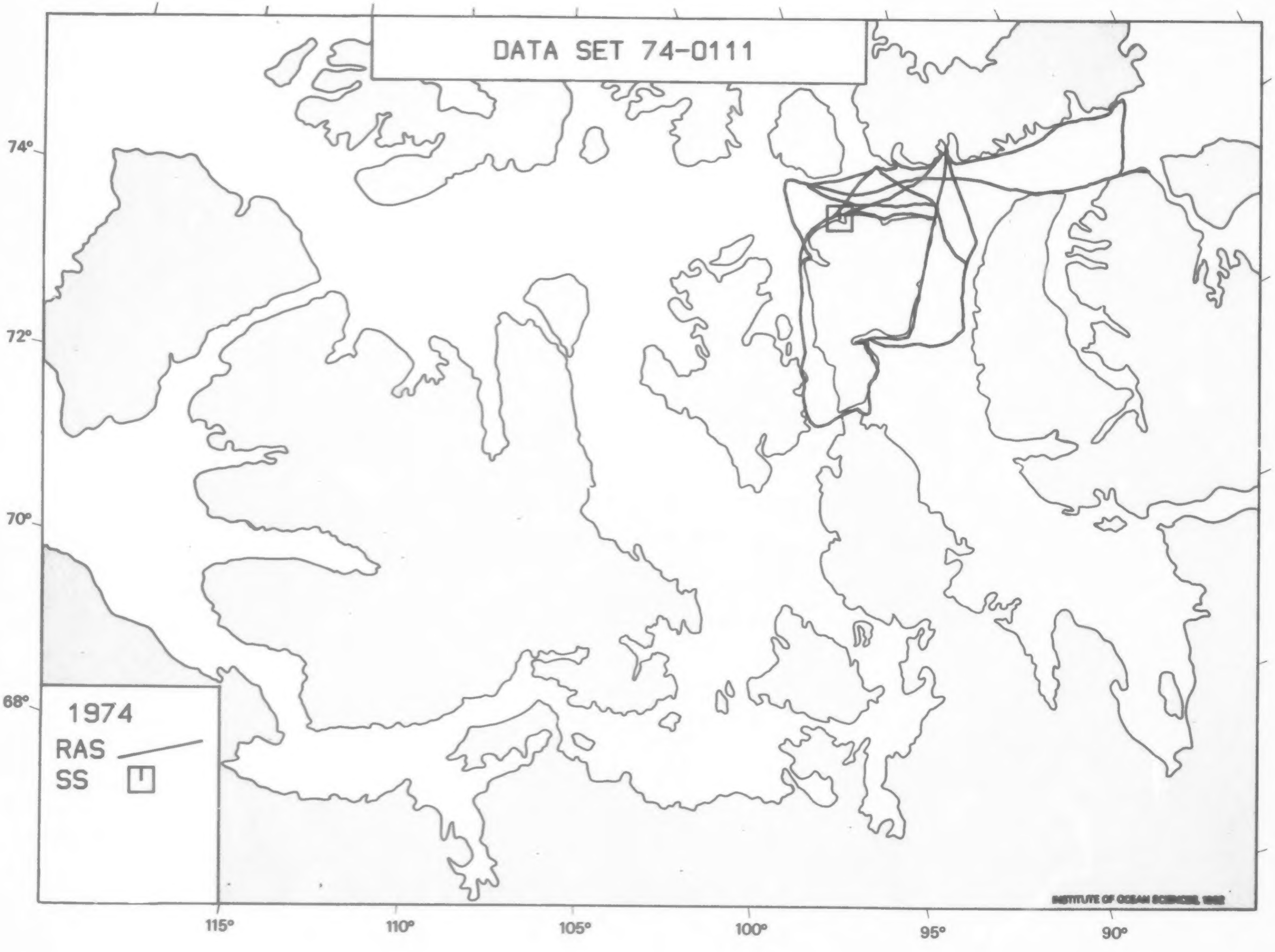

DATA SET 73-0132

1973
RIS ✡
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

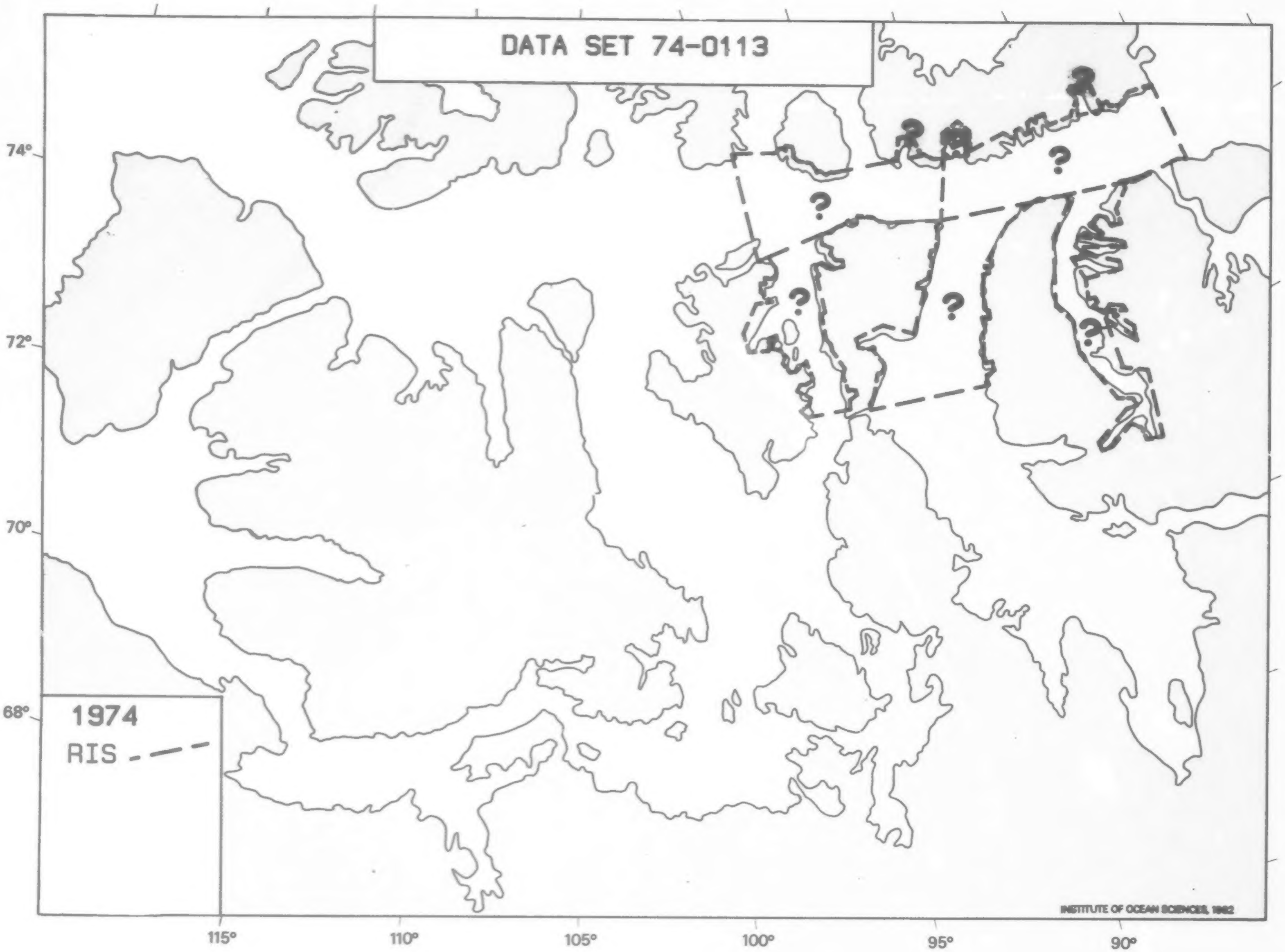

DATA SET 73-0133
1973
RIS
?
?
?
?
?
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

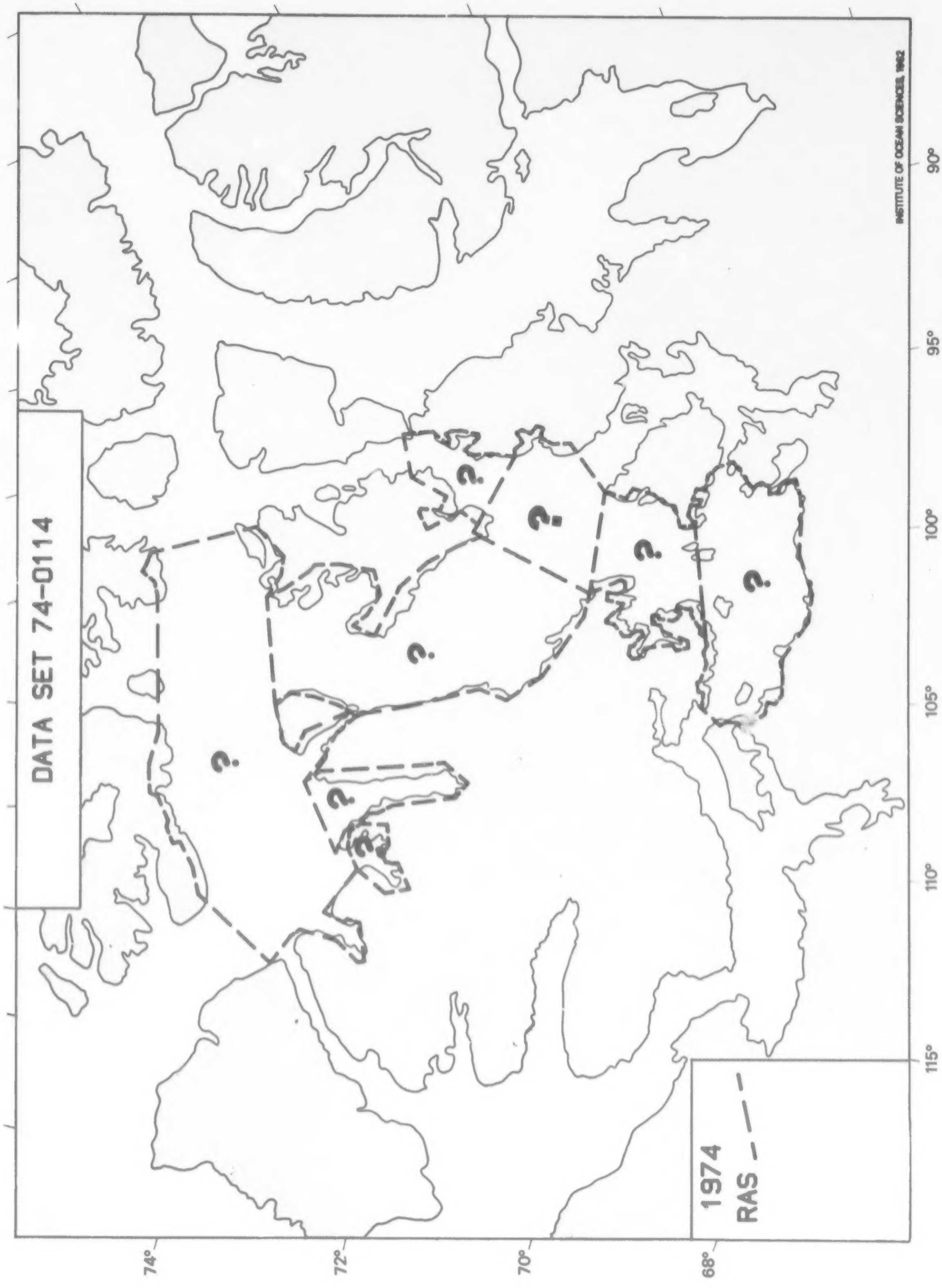

DATA SET 74-0054
1974
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

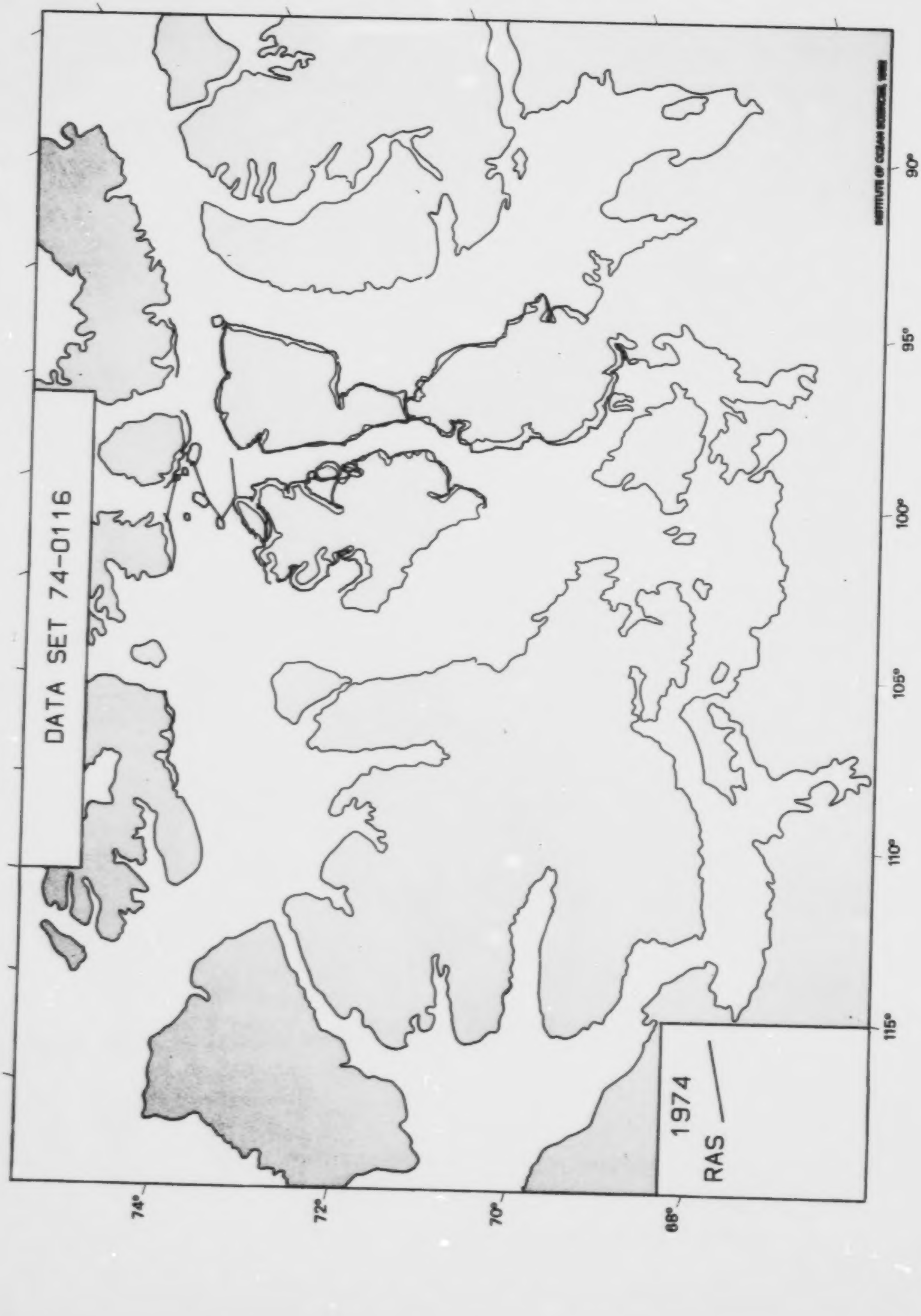

DATA SET 74-0108
JULY 1974-
JUNE 1975
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

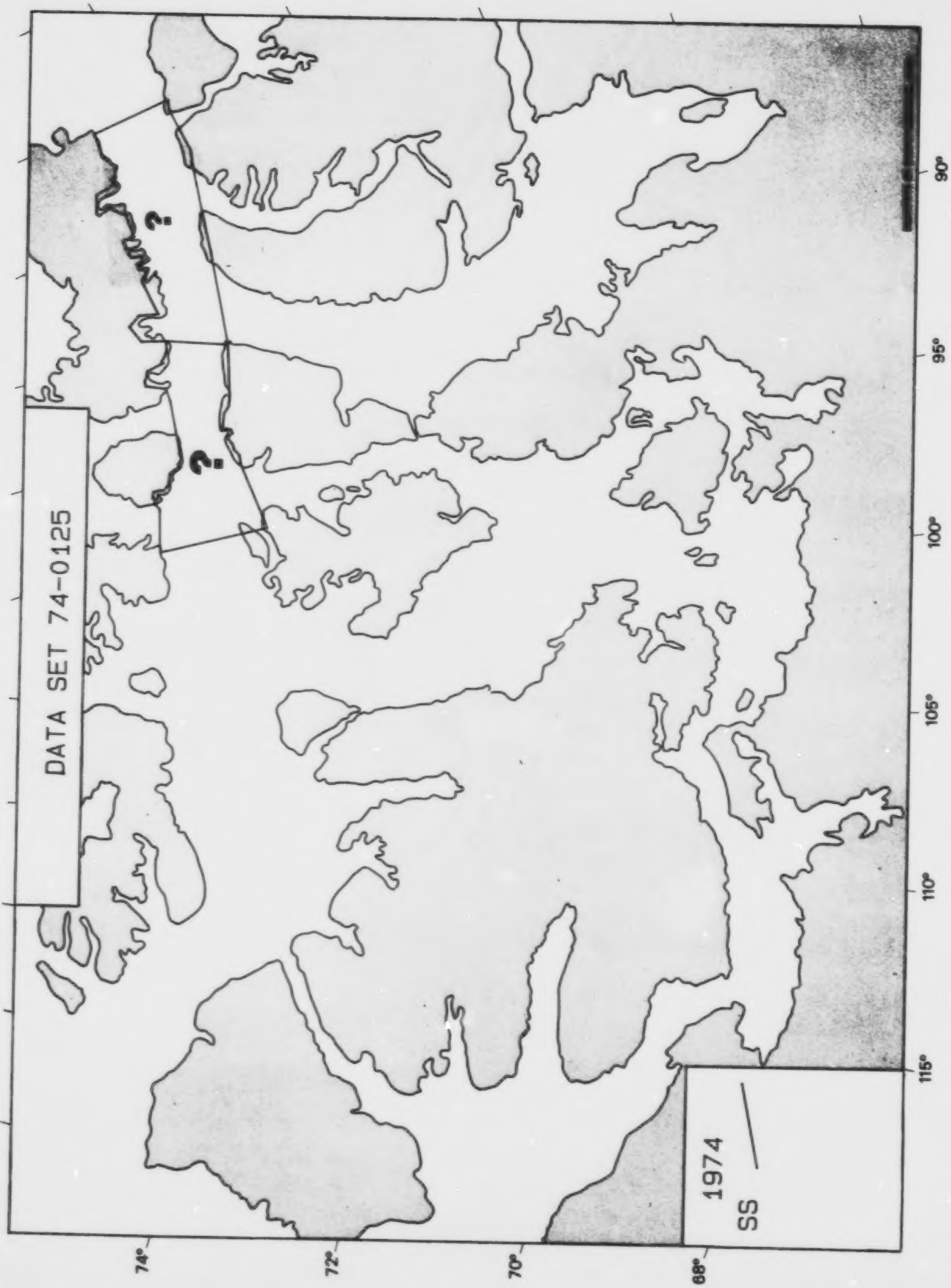

DATA SET 74-0111

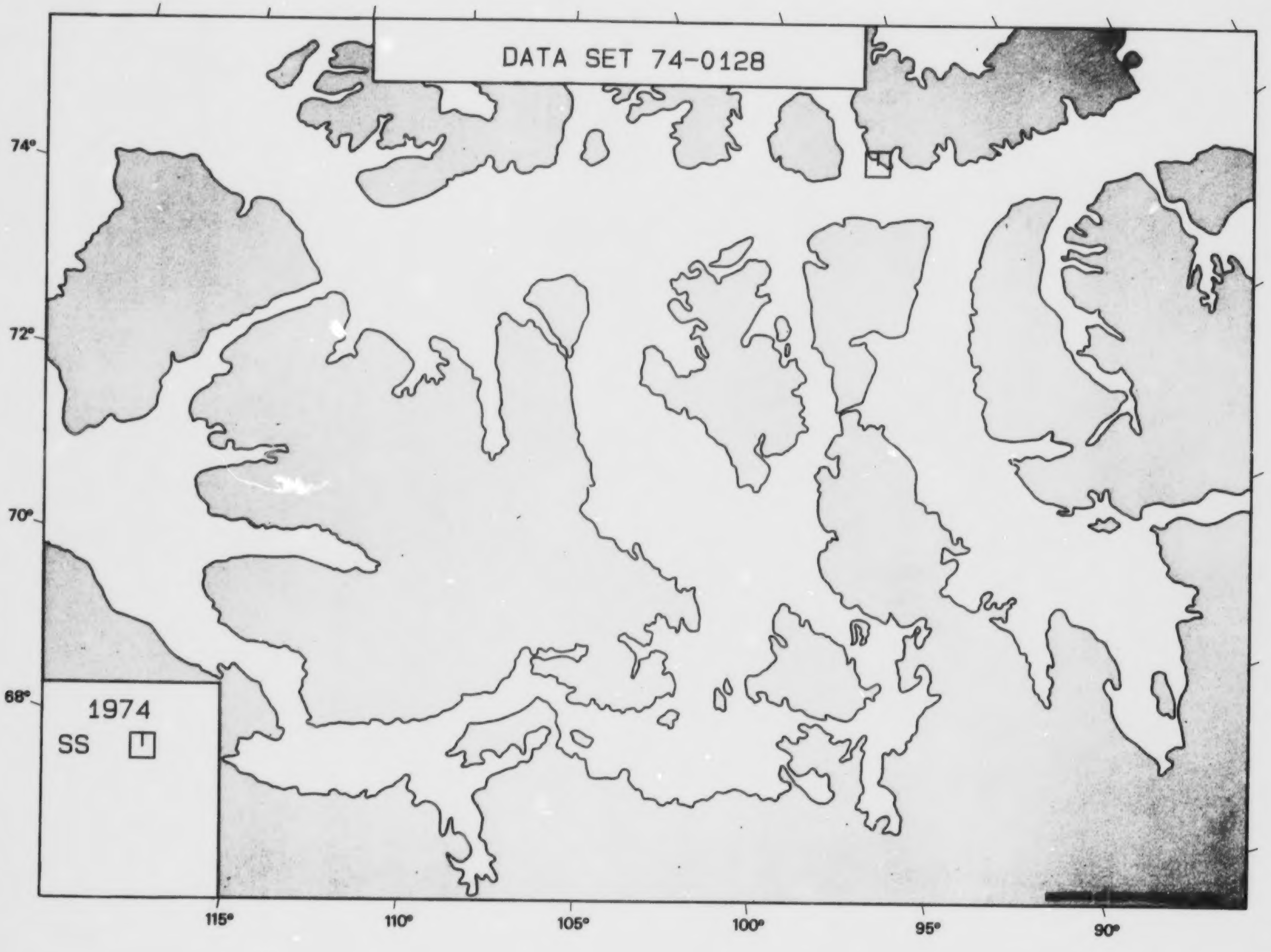
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
1974
RAS
SS
INSTITUTE OF OCEAN SCIENCES, 1982

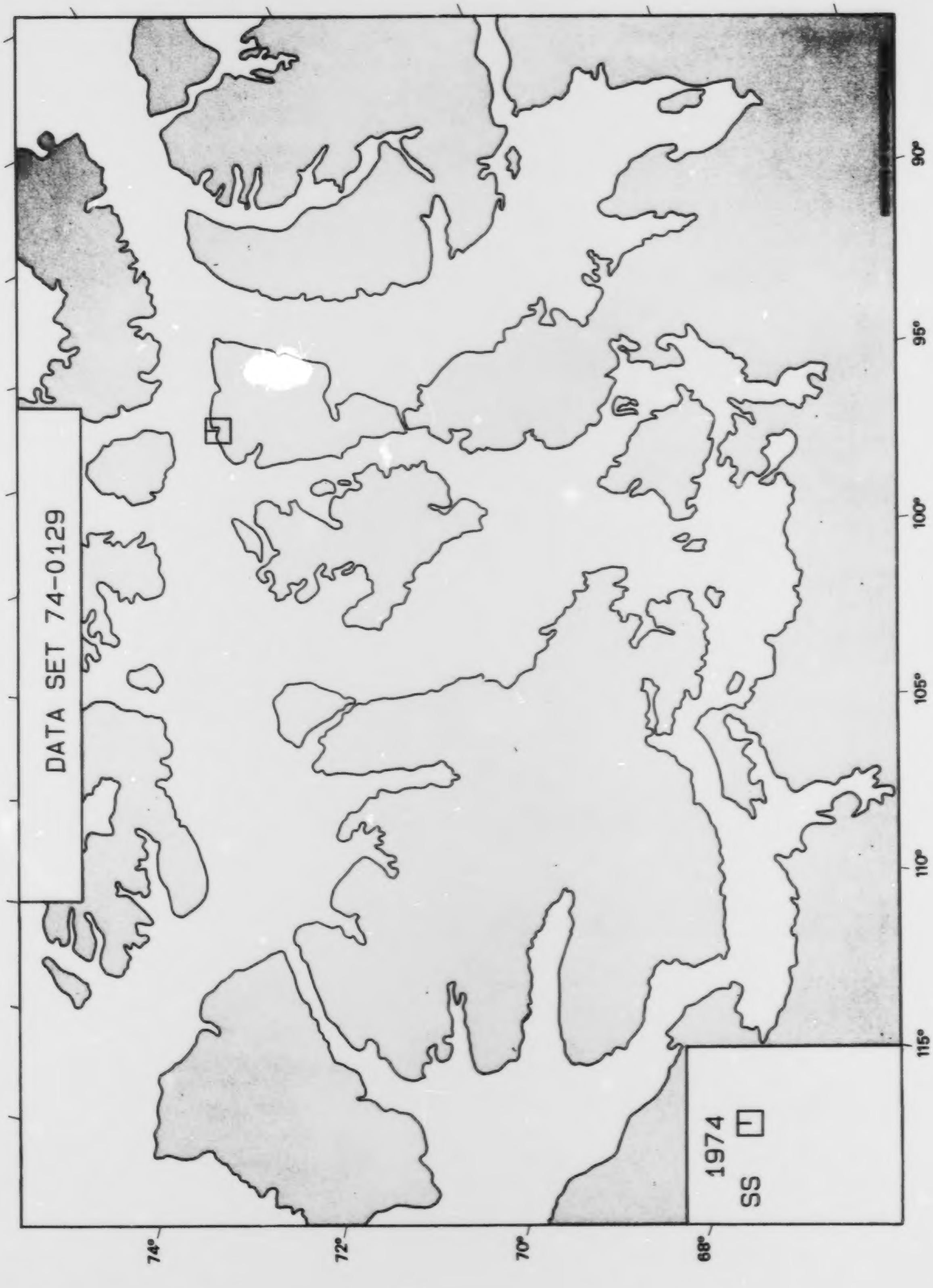

DATA SET 74-0113
1974
RIS
?
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982

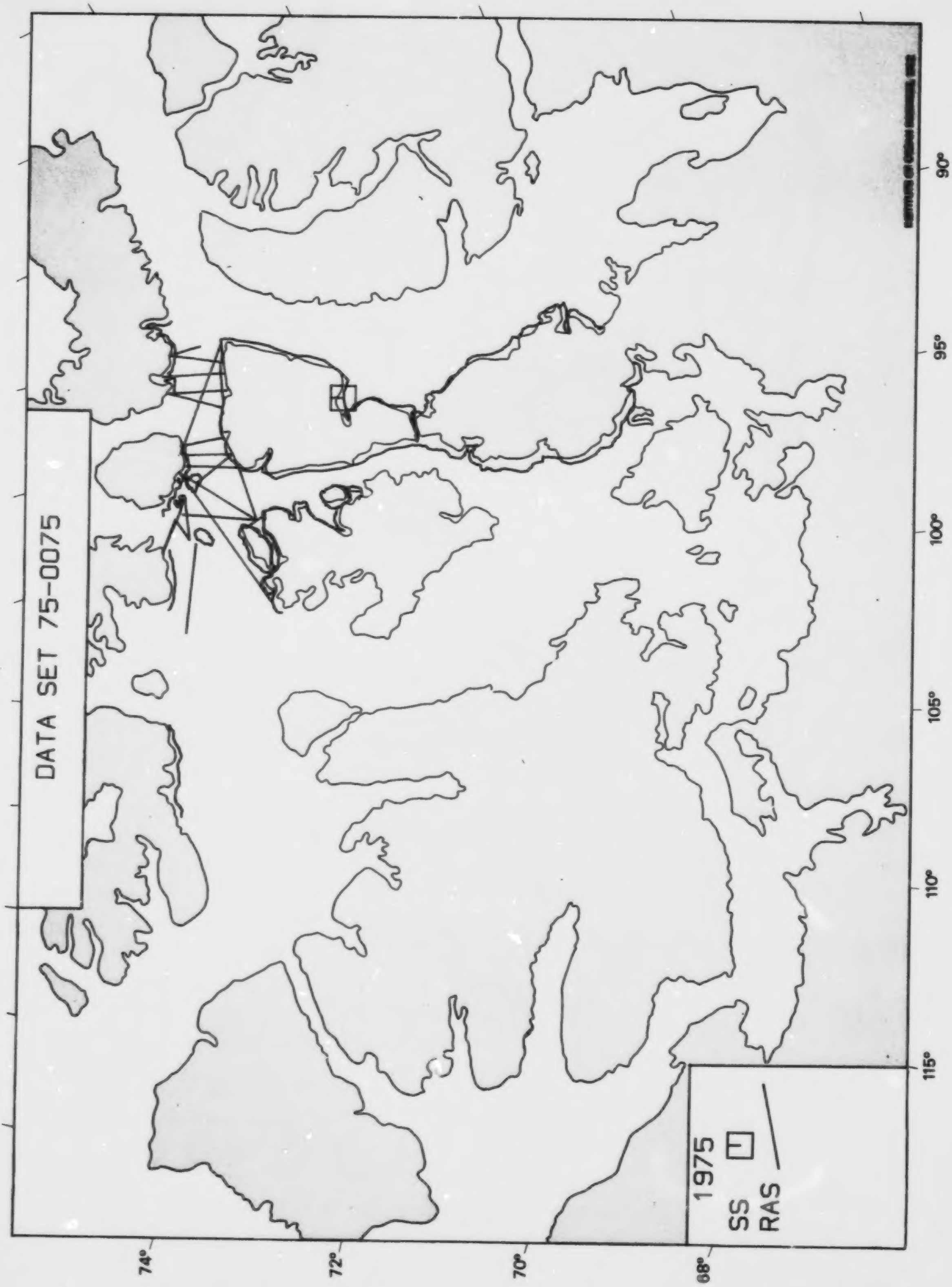

DATA SET 74-0114
?
?
?
?
?
?
?
?
1974
RAS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982

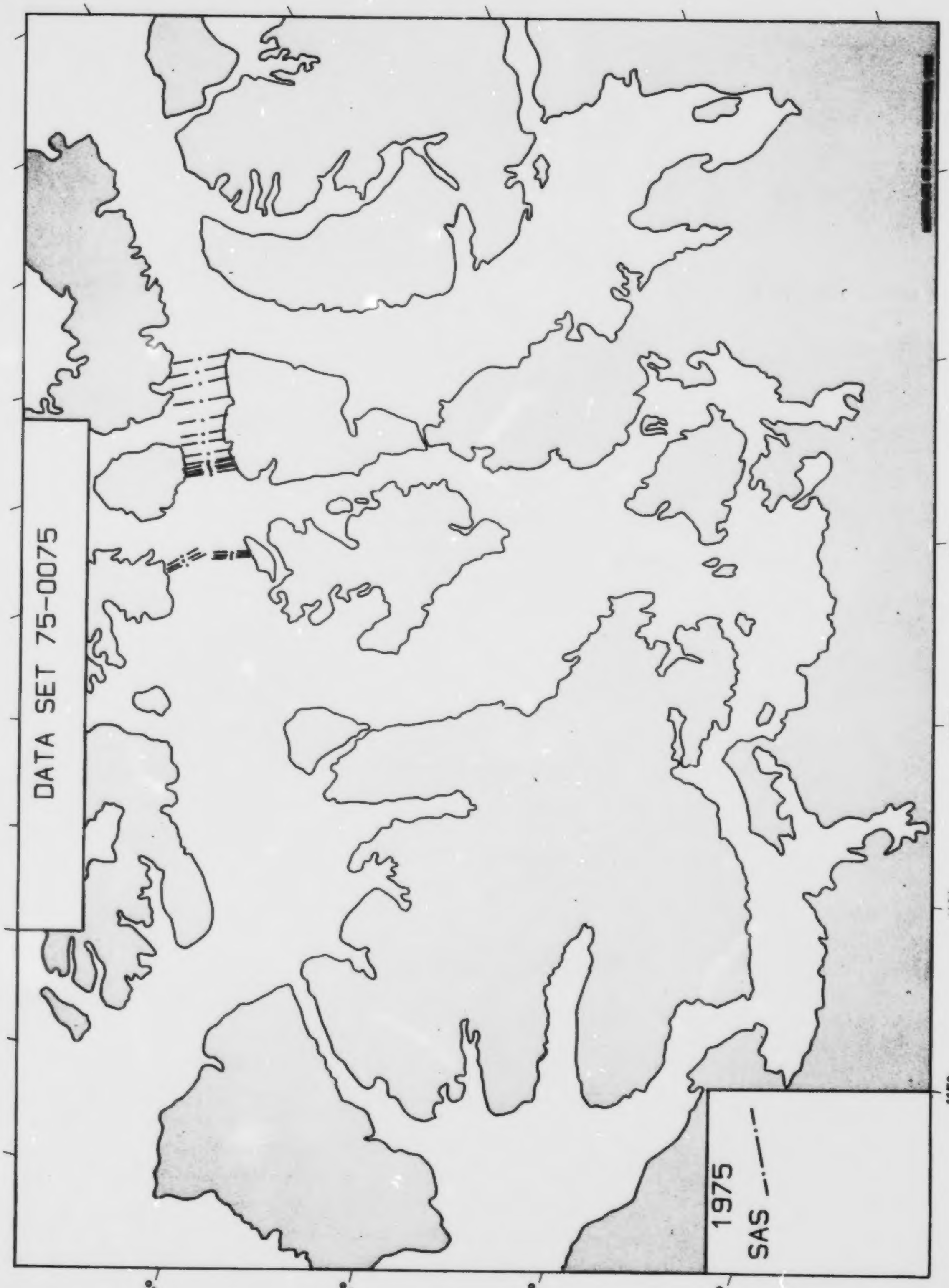

DATA SET 74-0116
1974
RAS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°
INSTITUTE OF OCEAN SCIENCES

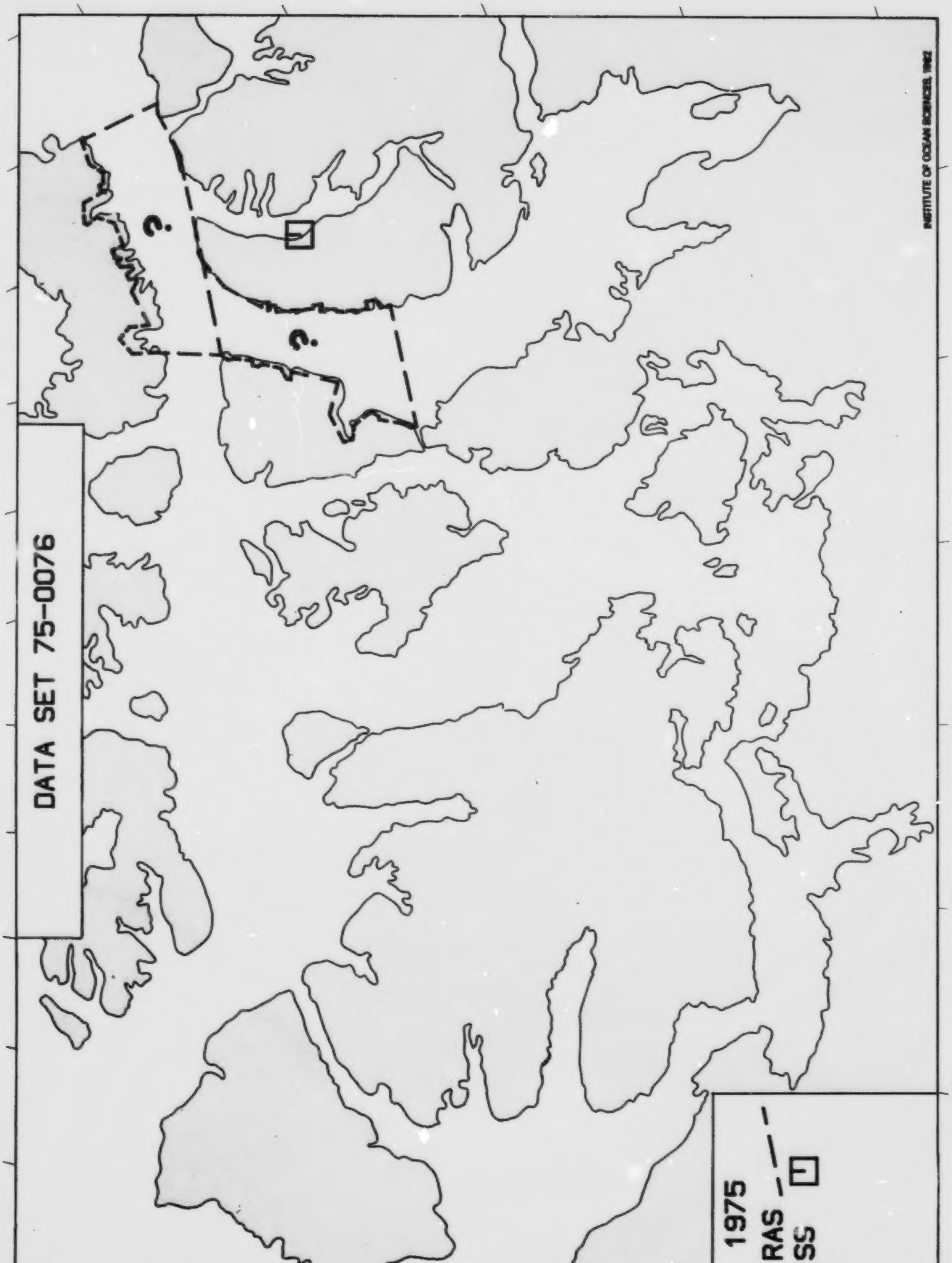

DATA SET 74-0125
1974
SS
?
?
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

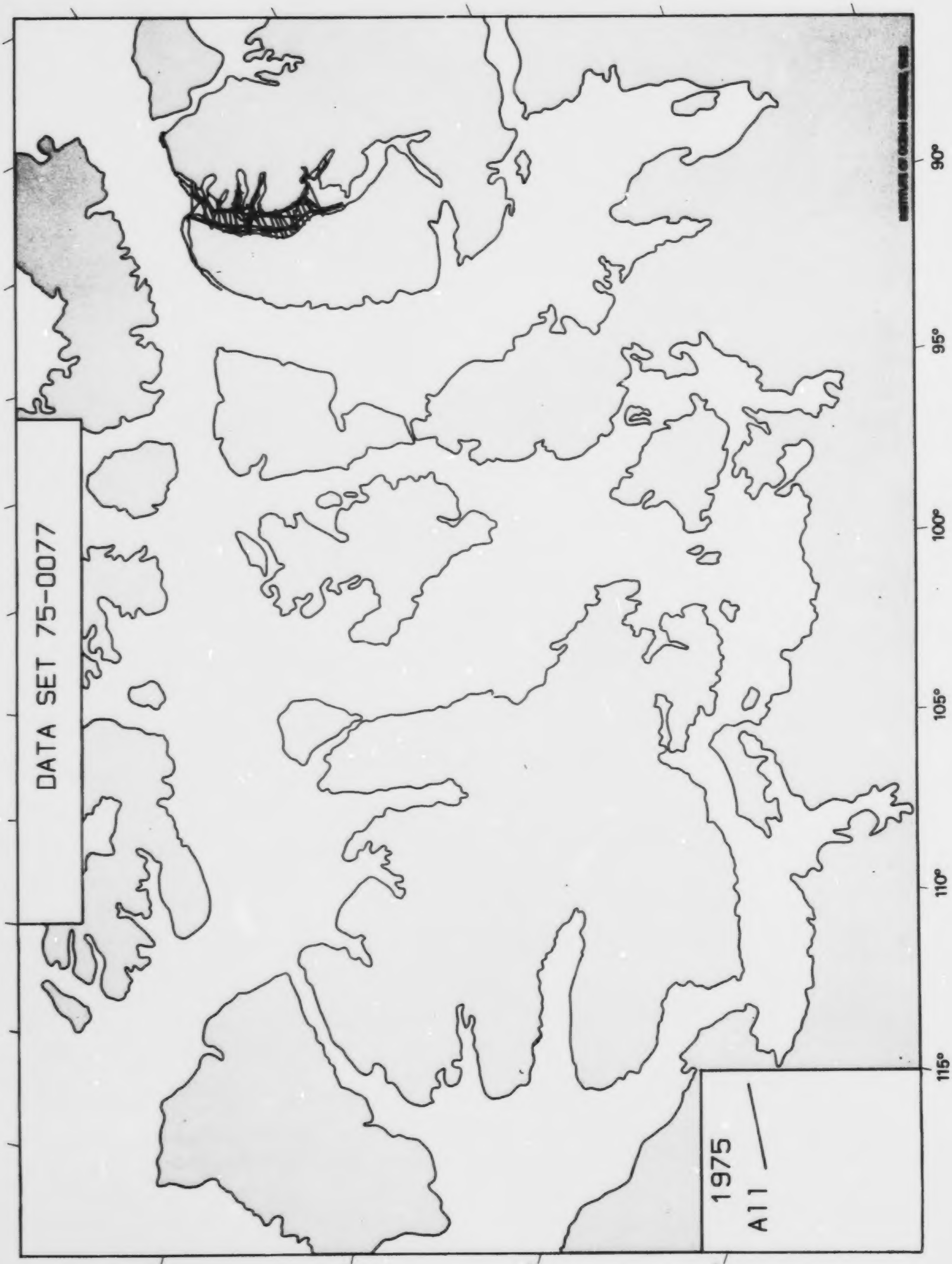

DATA SET 74-0128
74°
72°
70°
68°
1974
SS
115°
110°
105°
100°
95°
90°

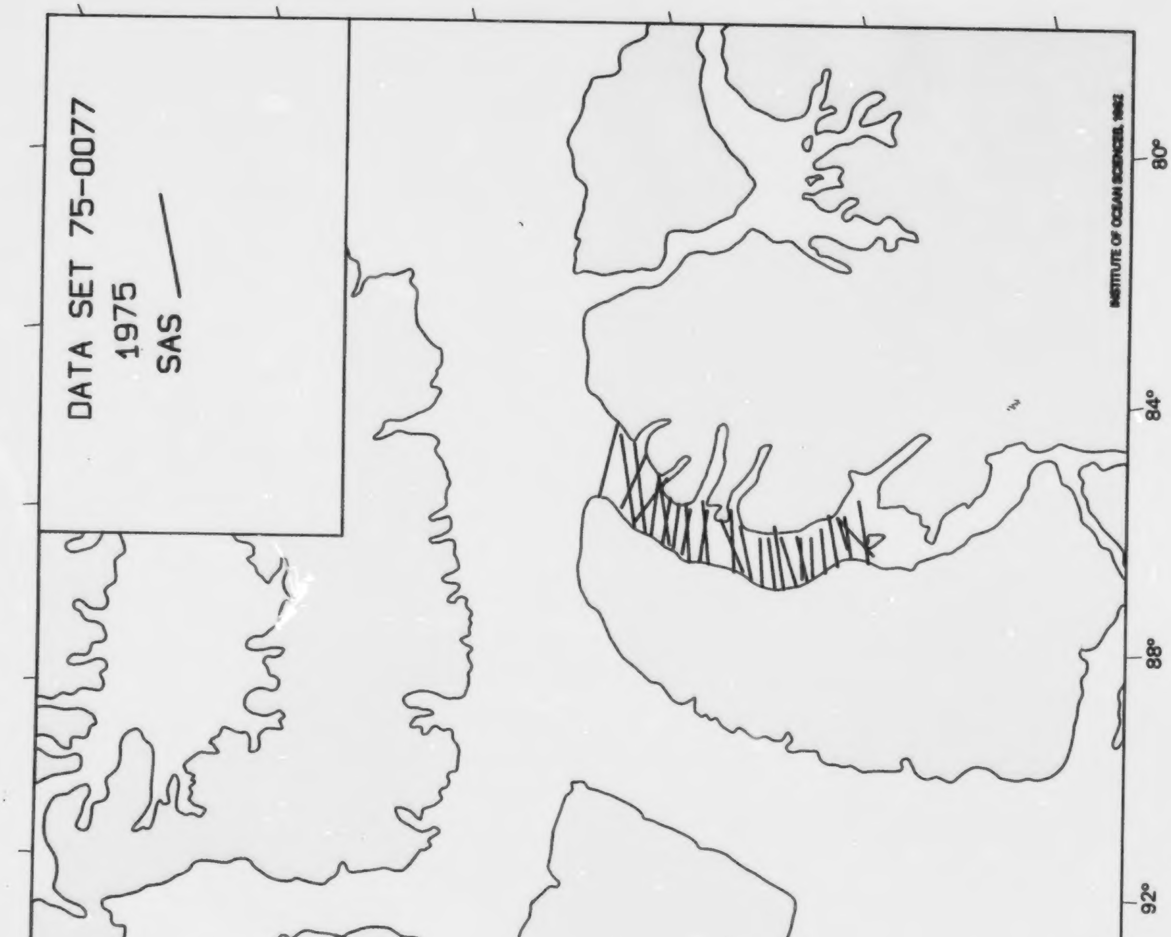

DATA SET 74-0129
1974
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

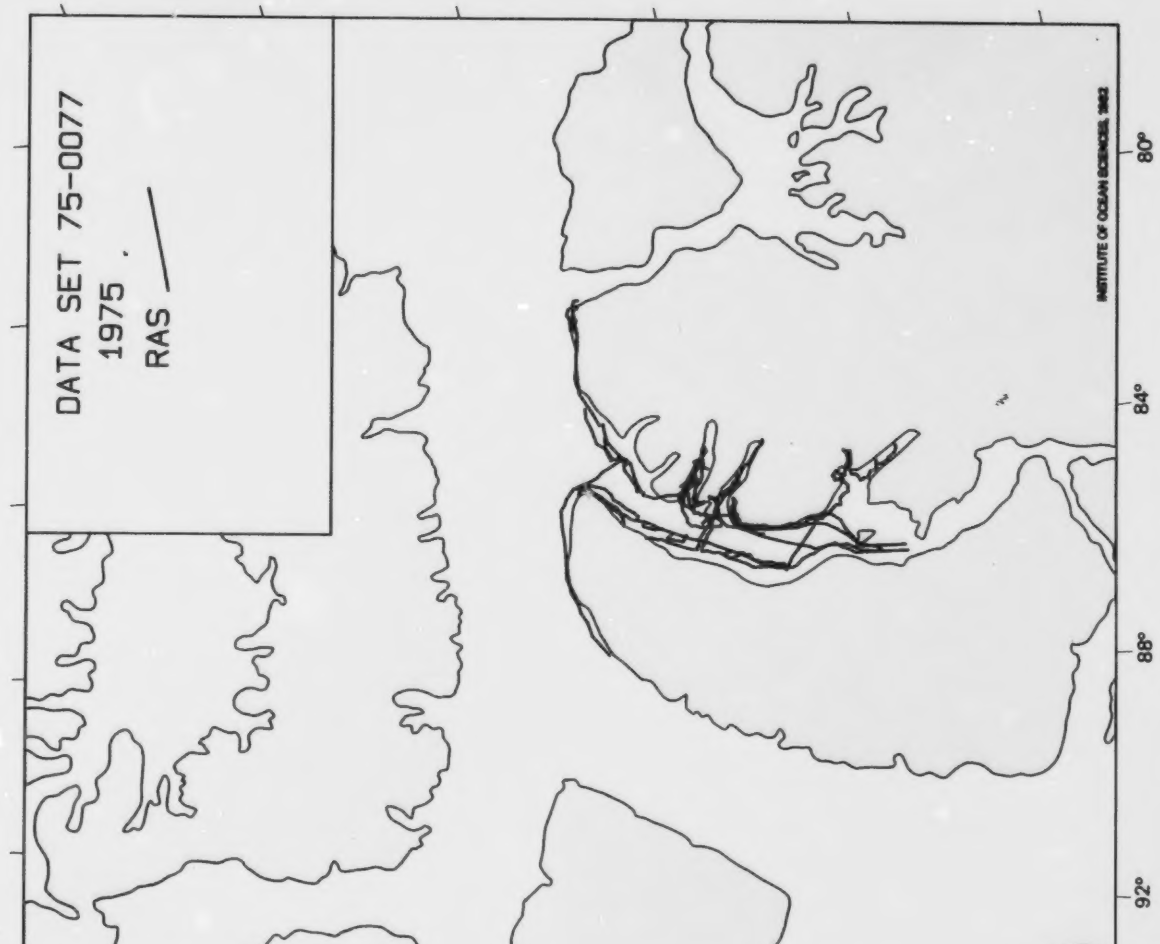

DATA SET 75-0075
1975
SS ☐
RAS —
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

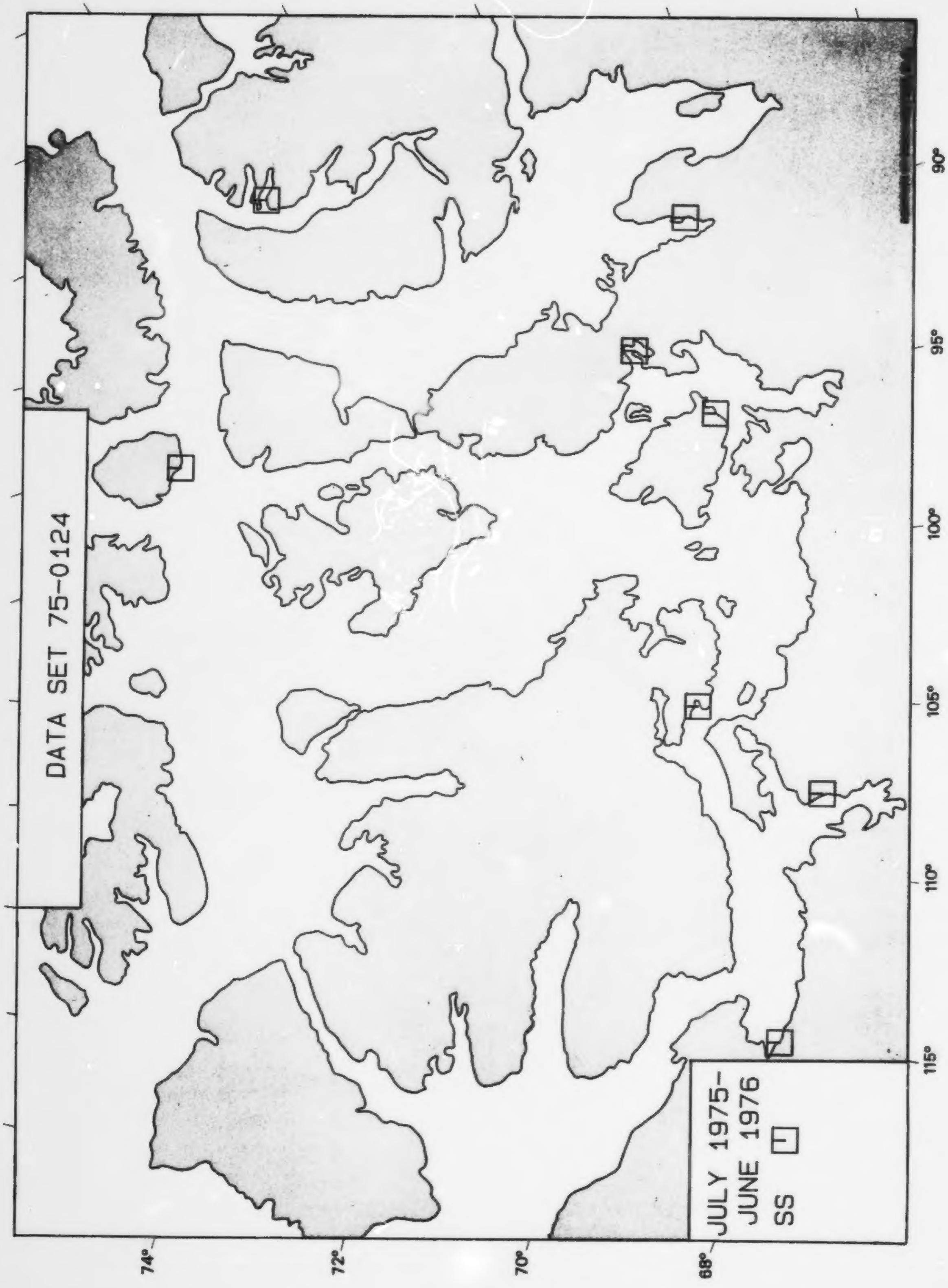

DATA SET 75-0075
1975
SAS _._._
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

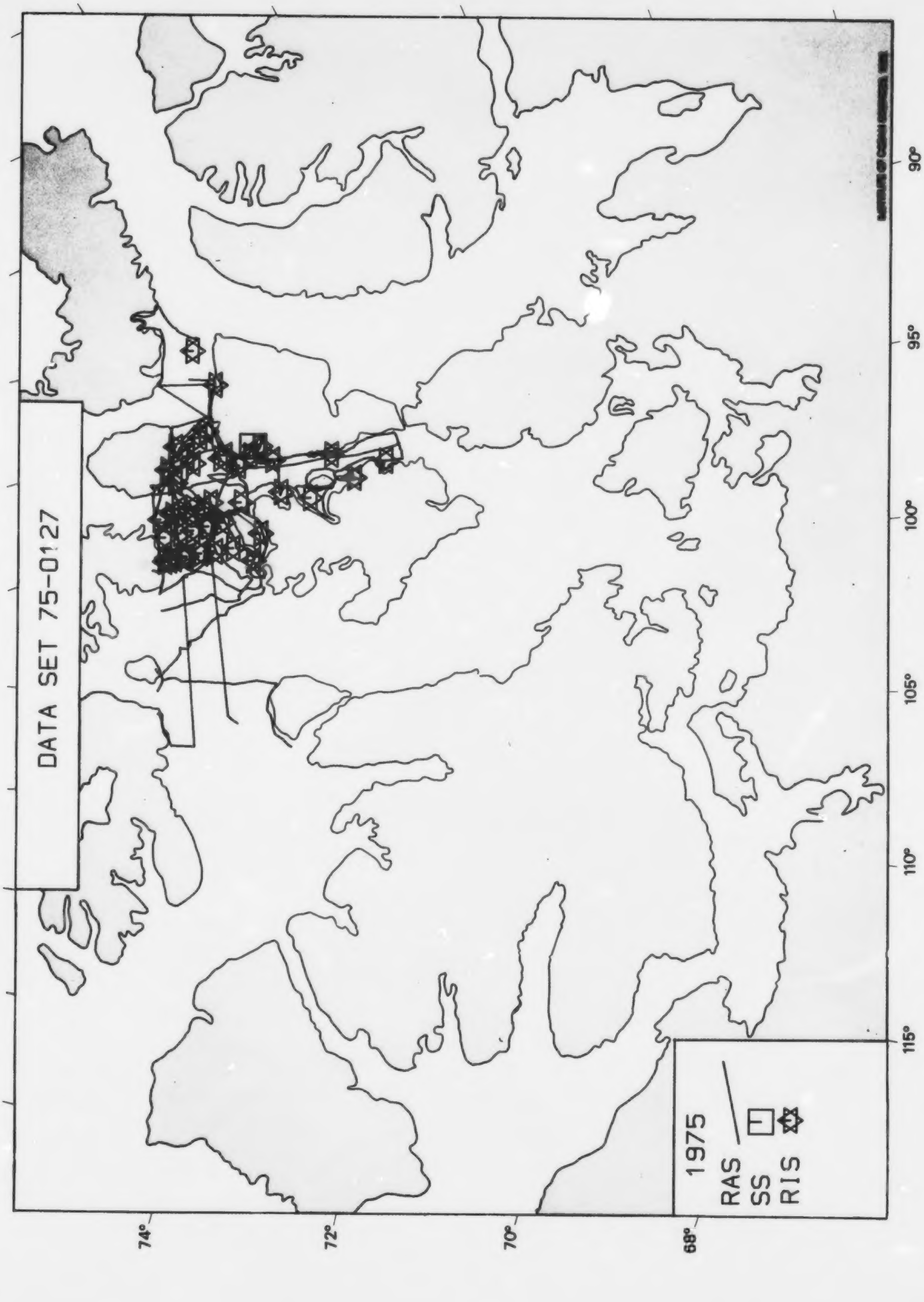

DATA SET 75-0076
?
?
1975
RAS
SS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

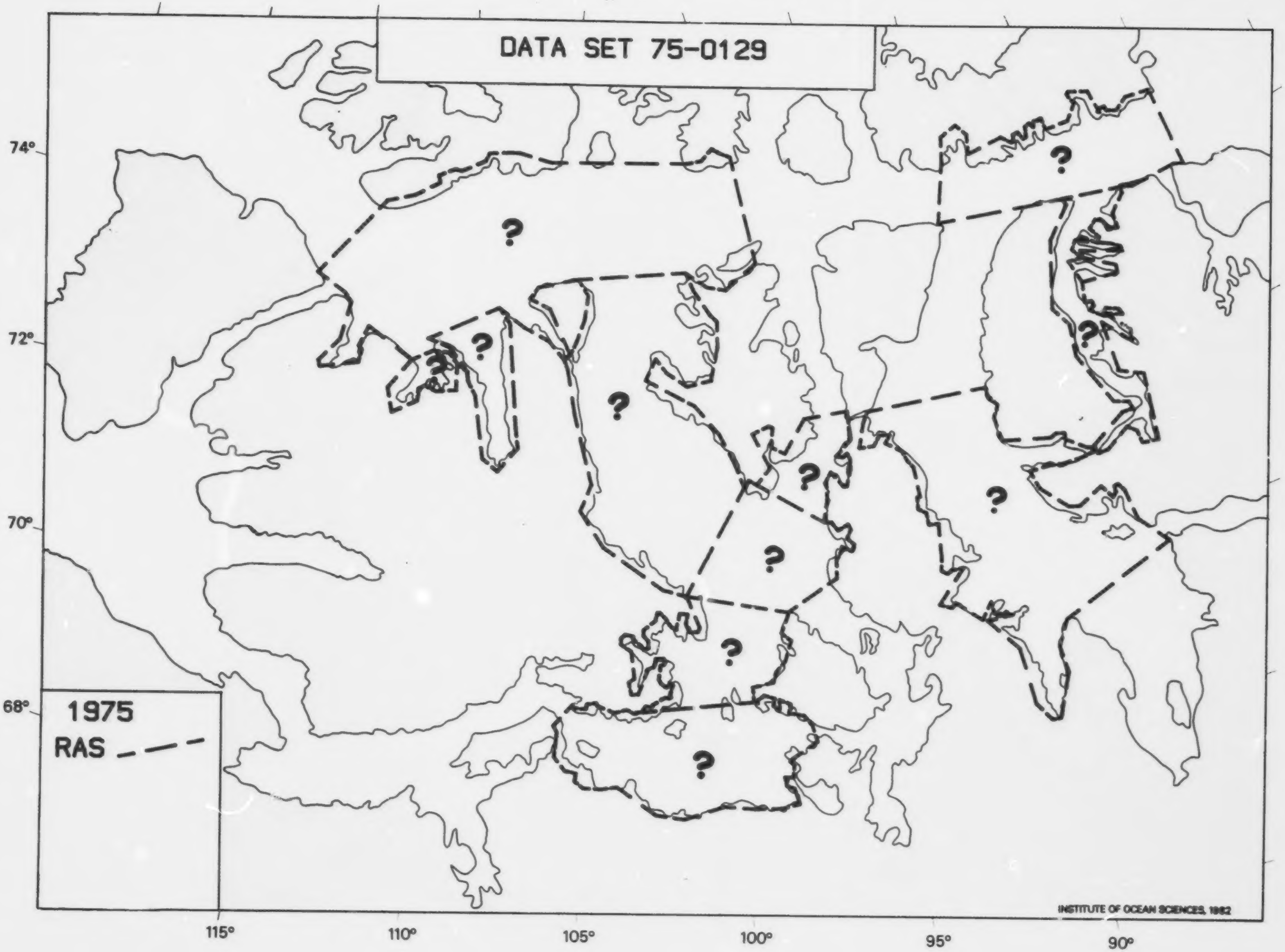

DATA SET 75-0077
1975
A11
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

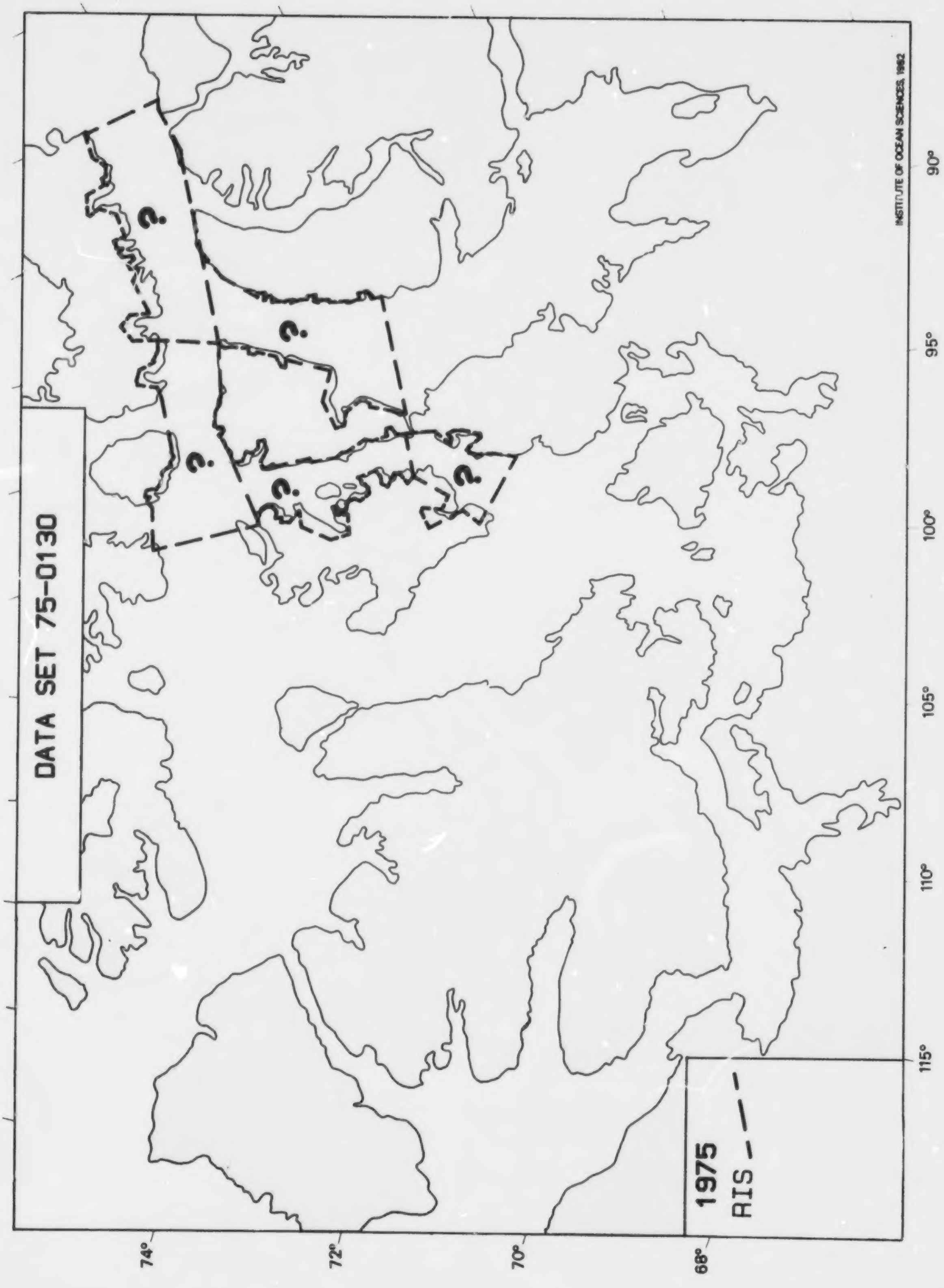

DATA SET 75-0077
1975
SAS
80°
84°
88°
92°
96°
100°
76°
75°
74°
73°
72°
71°
INSTITUTE OF OCEAN SCIENCES, 1982

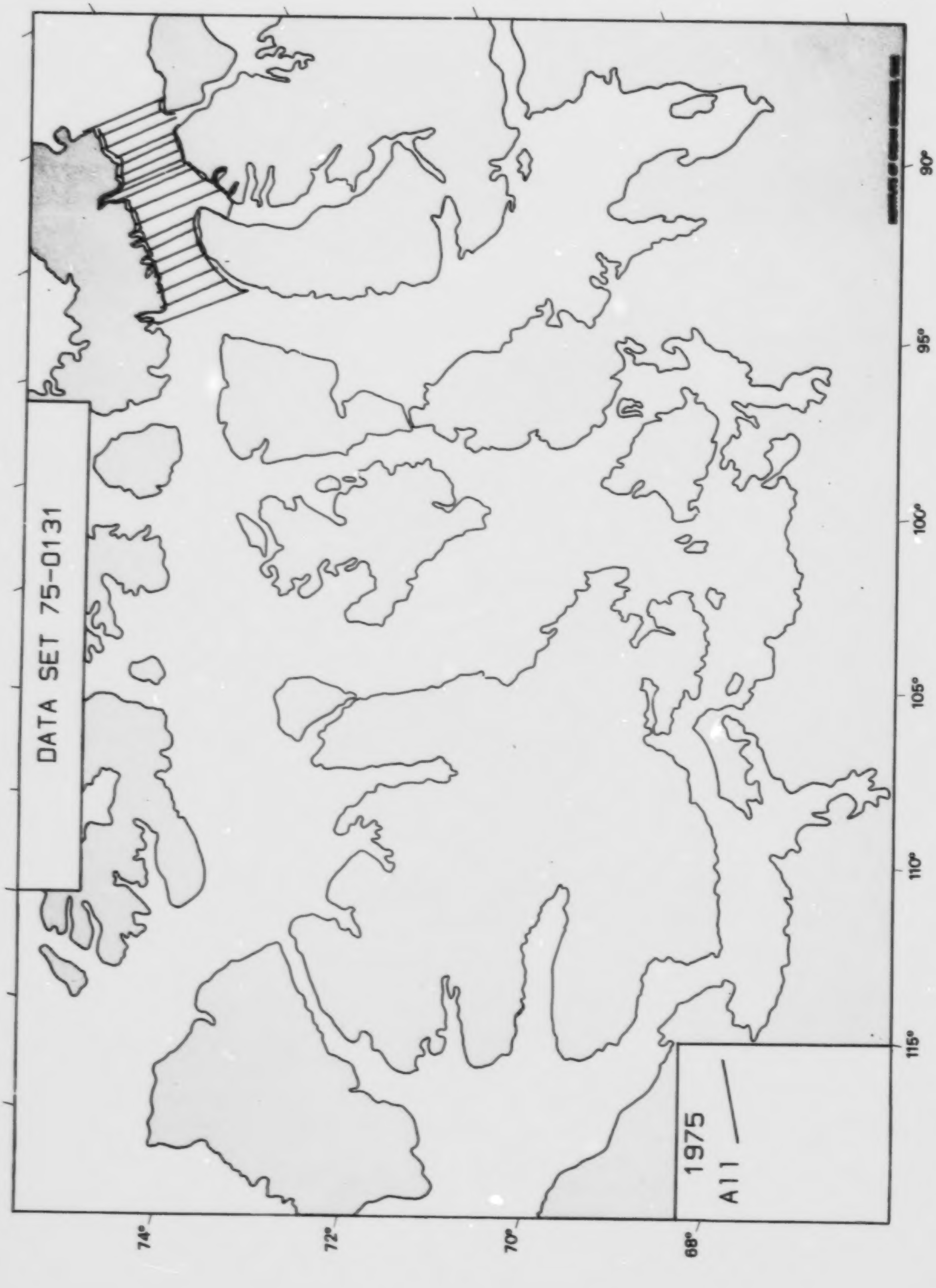

DATA SET 75-0077
1975
RAS
76°
75°
74°
73°
72°
71°
80°
84°
88°
92°
96°
100°
INSTITUTE OF OCEAN SCIENCES 1982

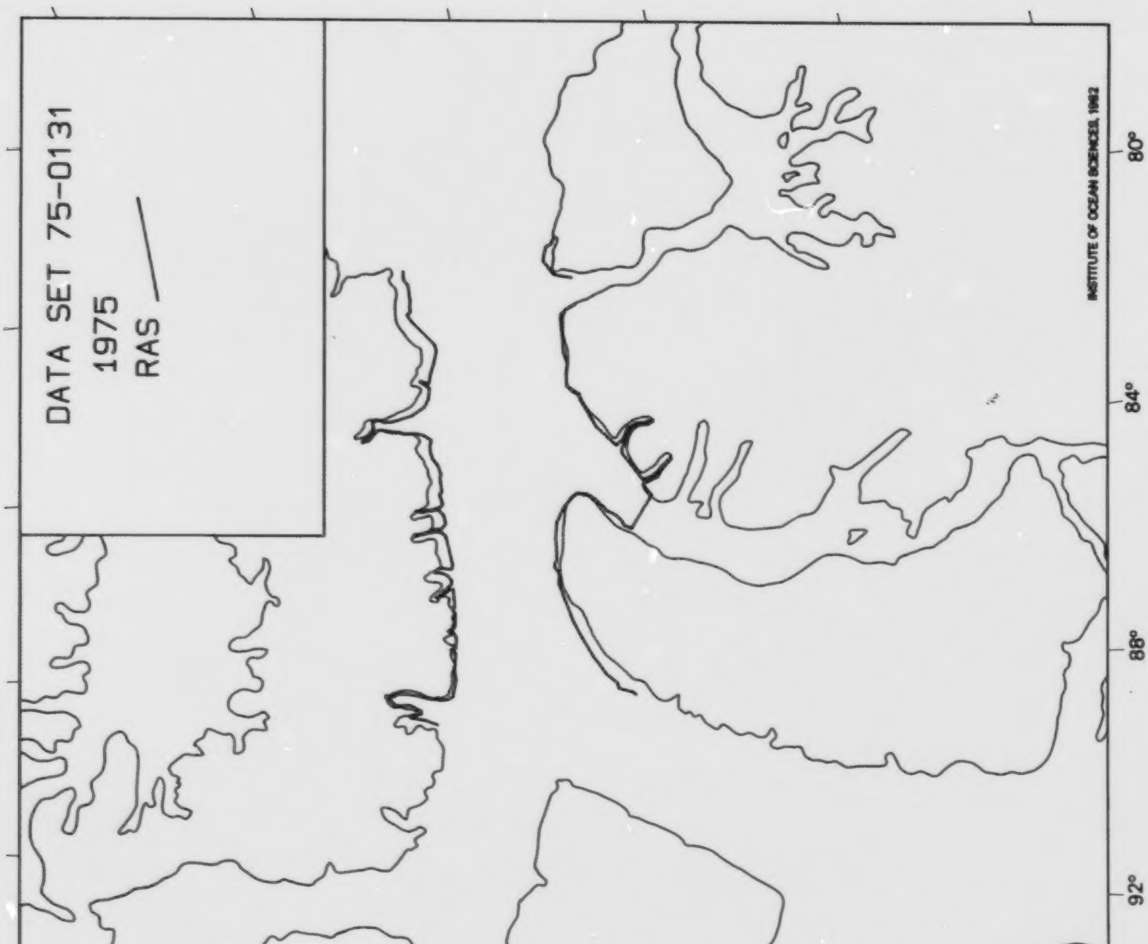

DATA SET 75-0124
JULY 1975–
JUNE 1976
SS
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

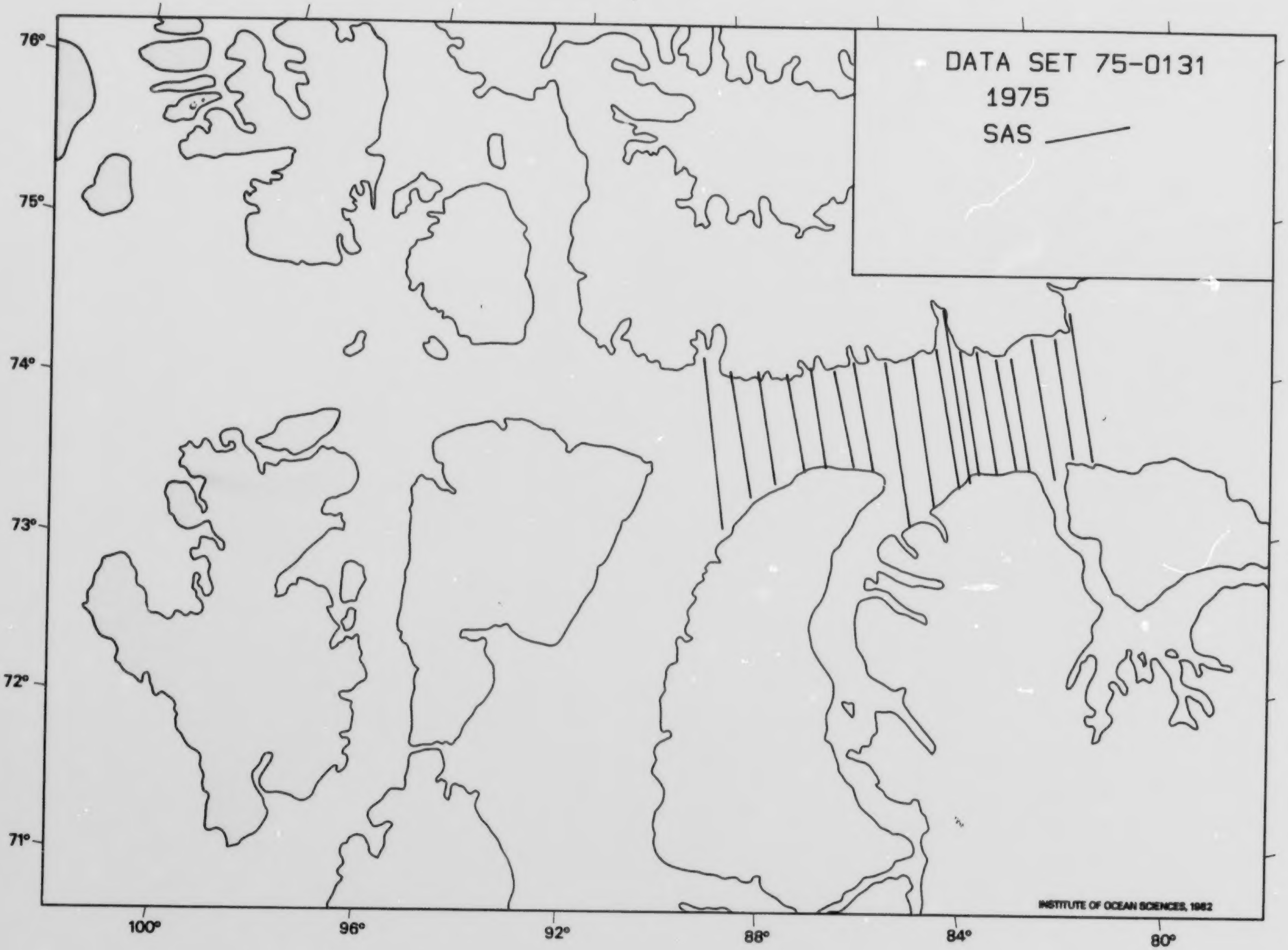

DATA SET 75-0127
1975
RAS
SS
RIS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

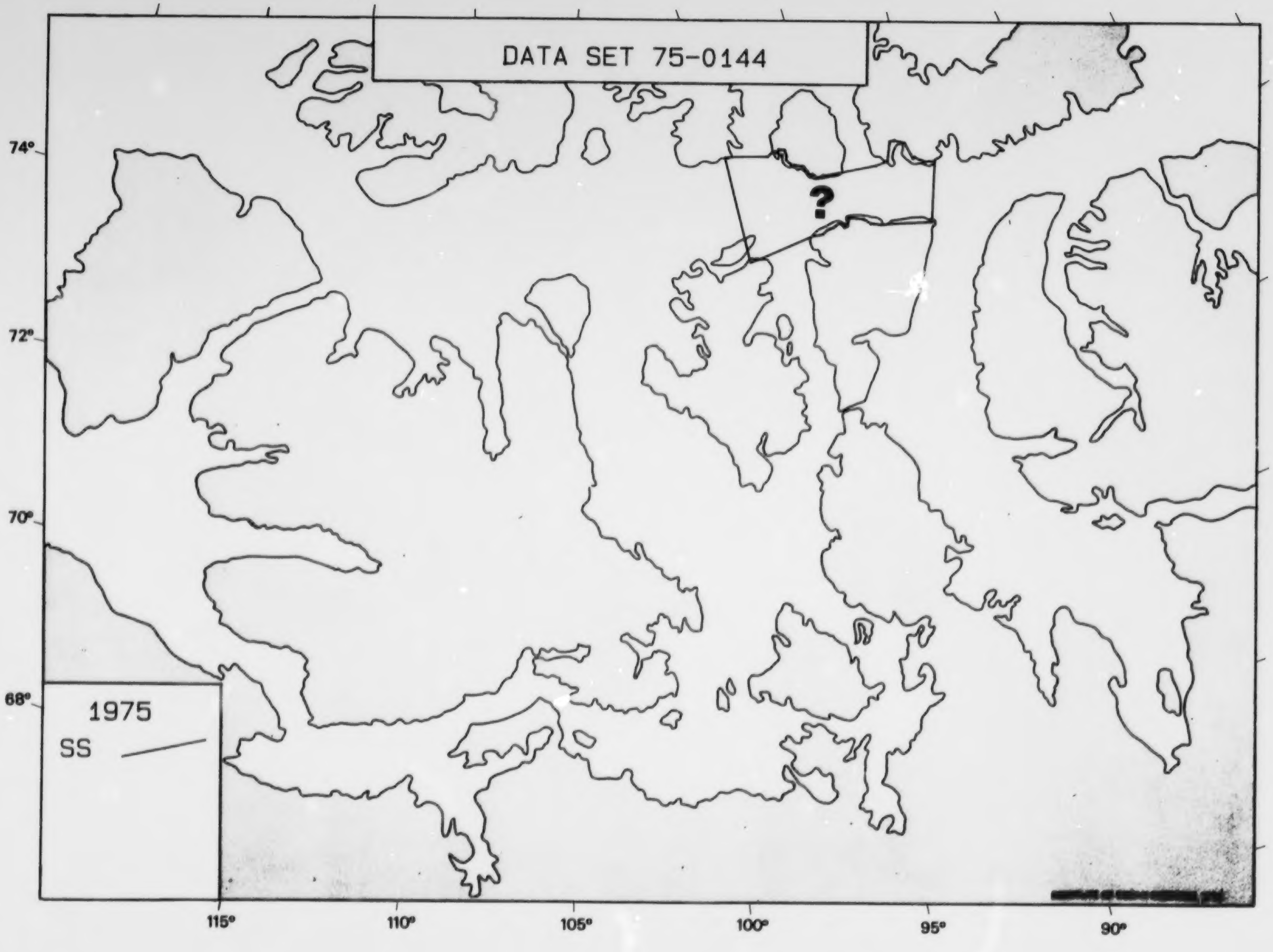

DATA SET 75-0129
?
1975
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

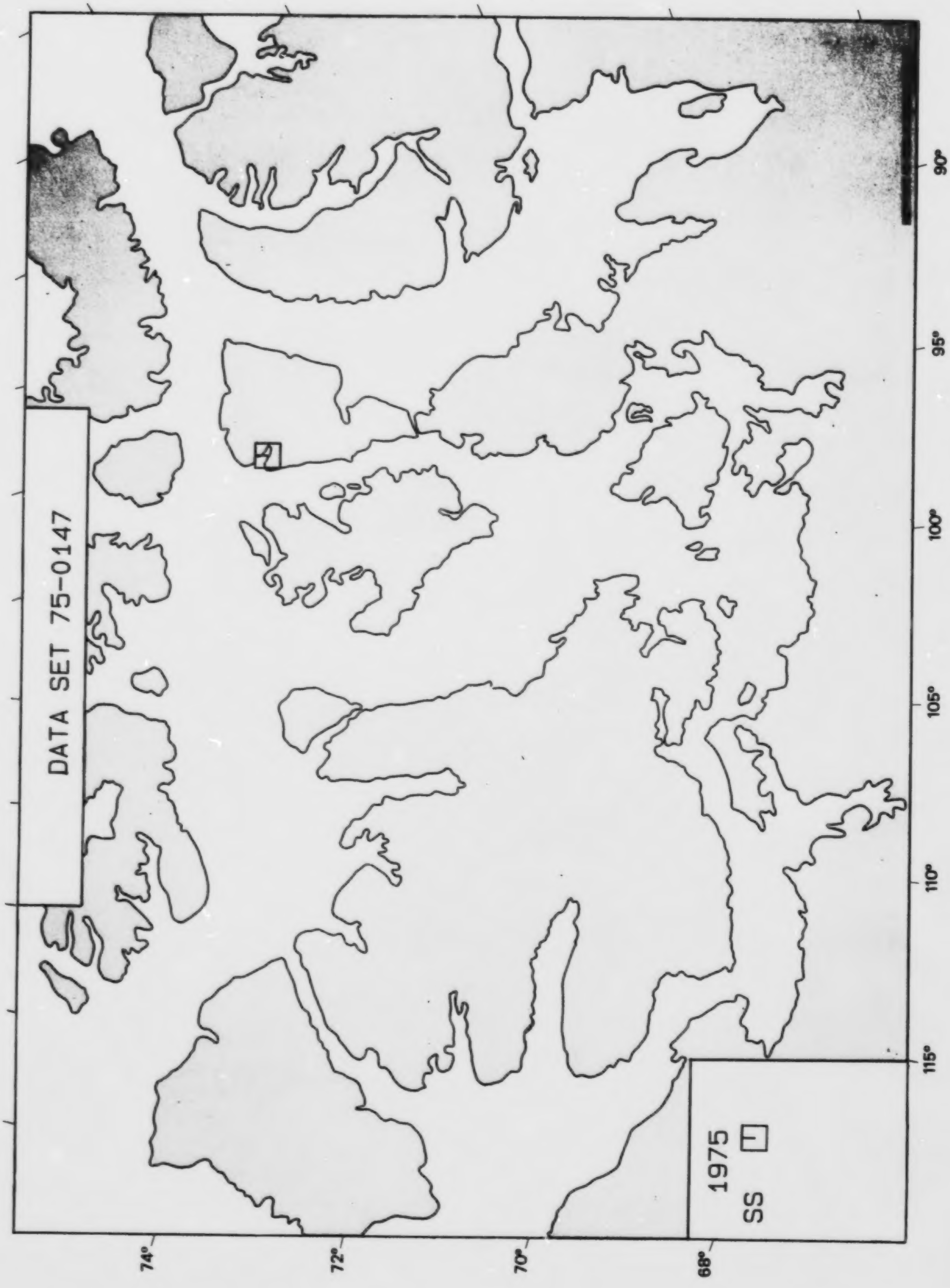

DATA SET 75-0130
?
?
?
?
?
1975
RIS
INSTITUTE OF OCEAN SCIENCES, 1982
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°

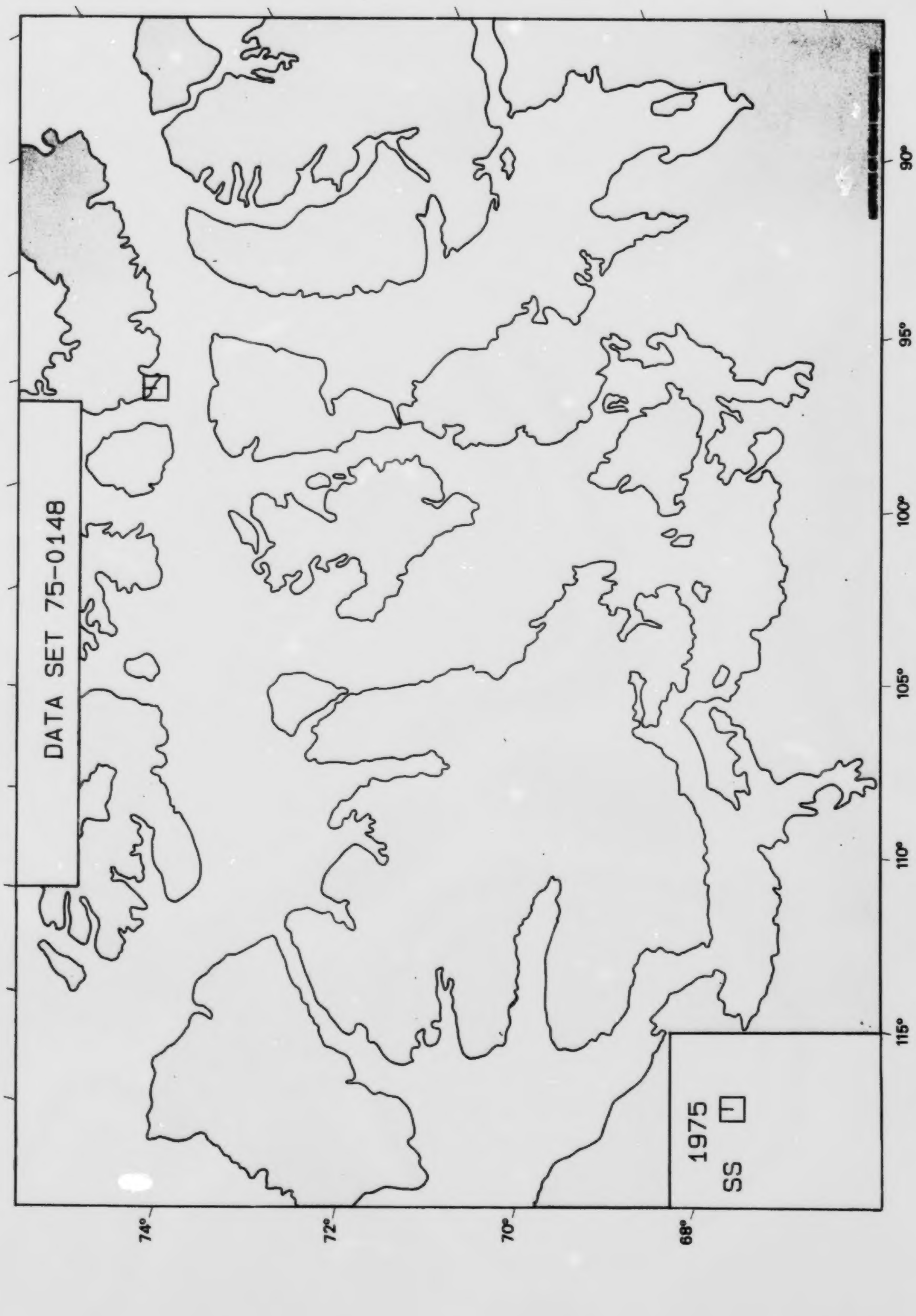

DATA SET 75-0131
1975
A11
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

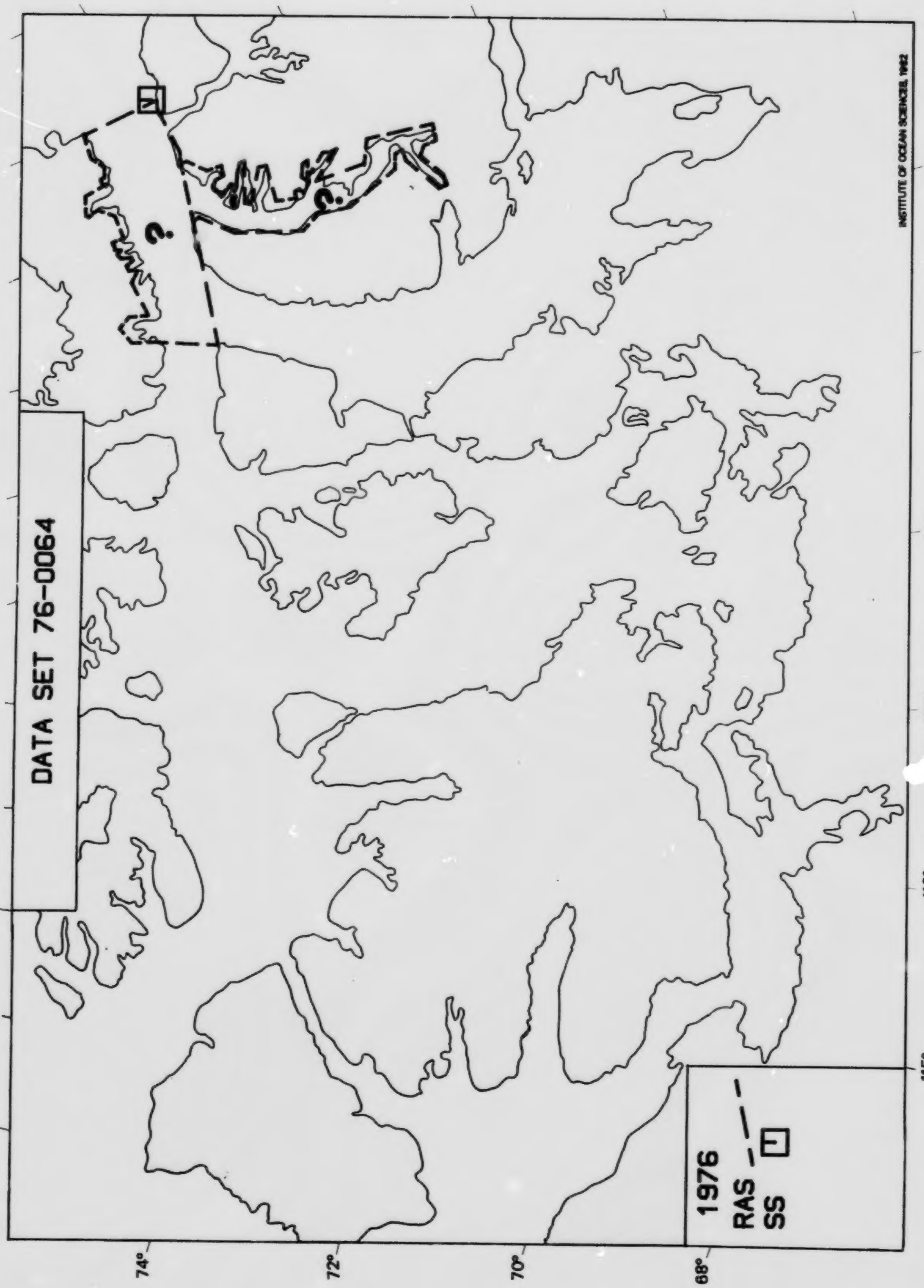

DATA SET 75-0131
1975
RAS
INSTITUTE OF OCEAN SCIENCES, 1982
80°
84°
88°
92°
96°
100°
76°
75°
74°
73°
72°
71°


DATA SET 75-0131
1975
SAS
76°
75°
74°
73°
72°
71°
100°
96°
92°
88°
84°
80°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 75-0144
?
1975
SS
74°
72°
70°
68°
115°
110°
105°
100°
95°
90°

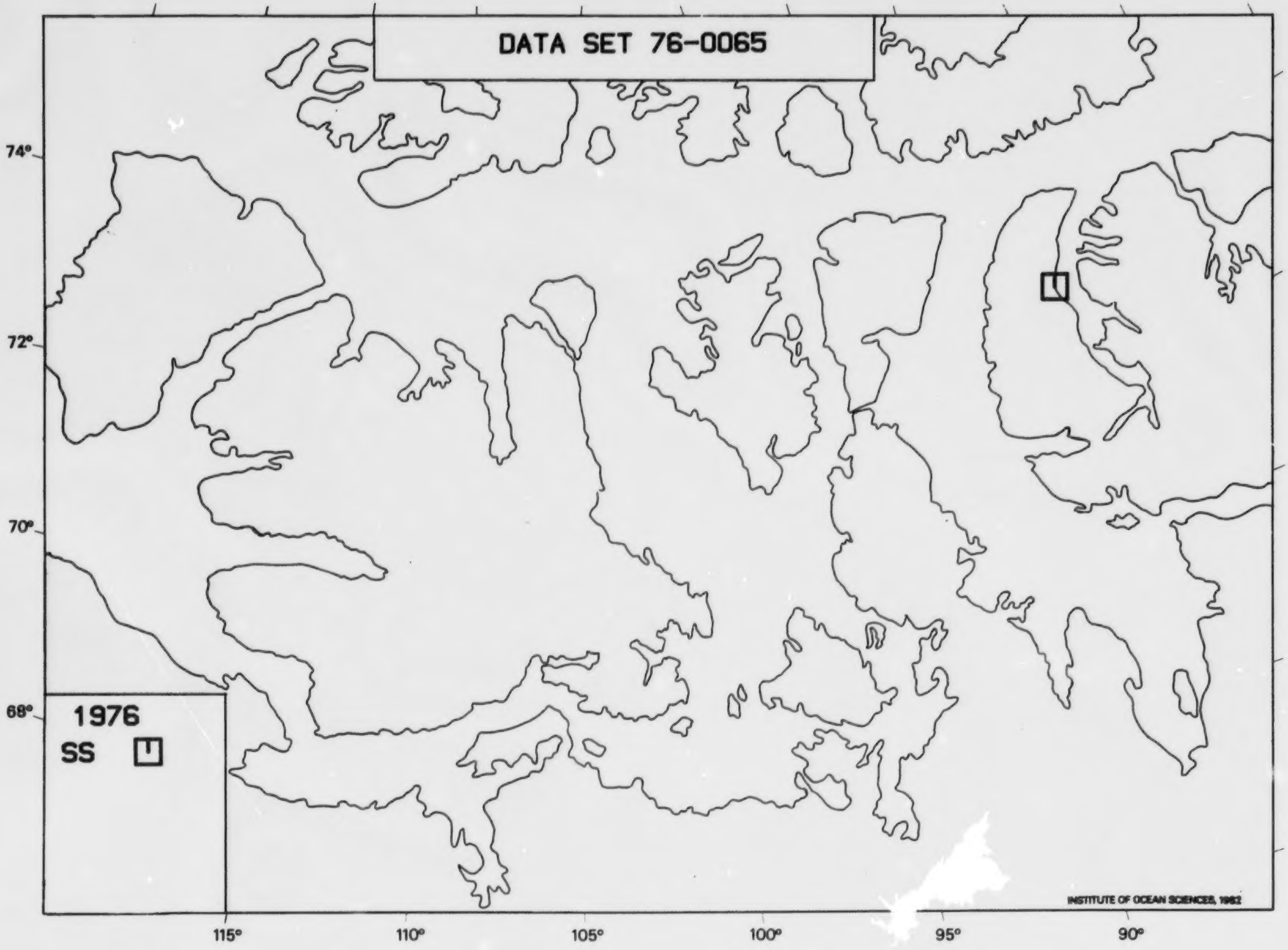

DATA SET 75-0147
1975
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

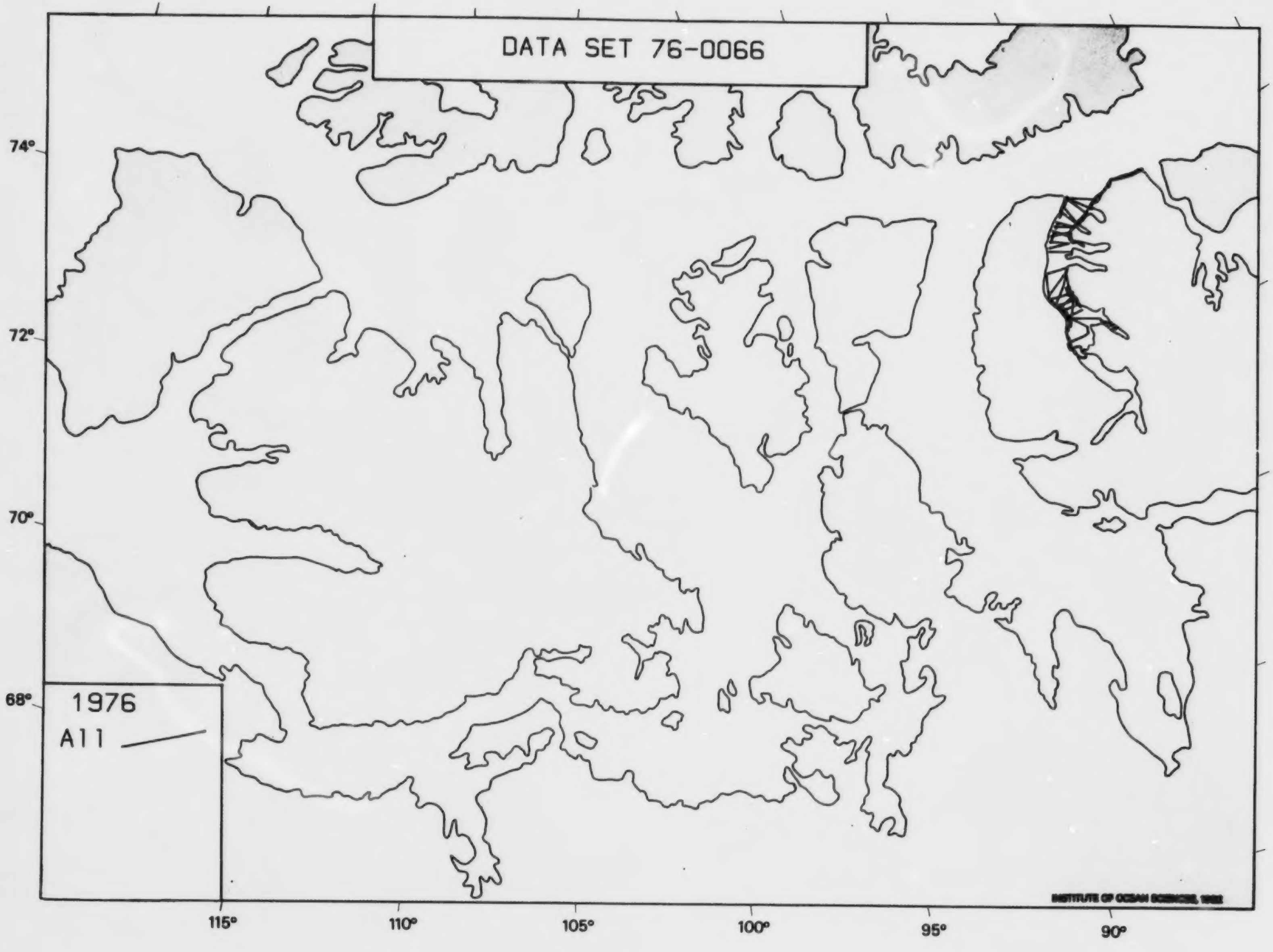

DATA SET 75-0148
1975
SS
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°

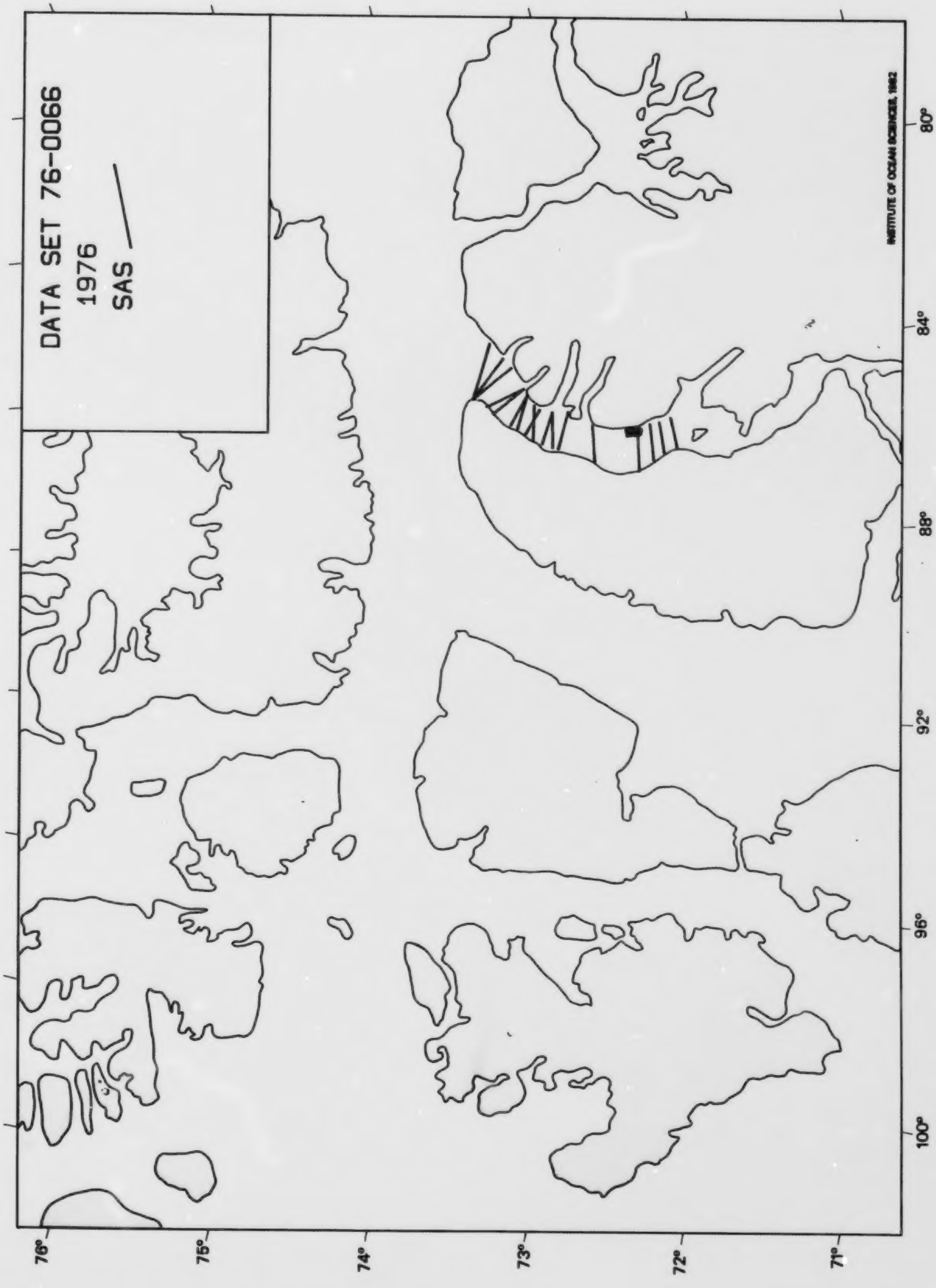


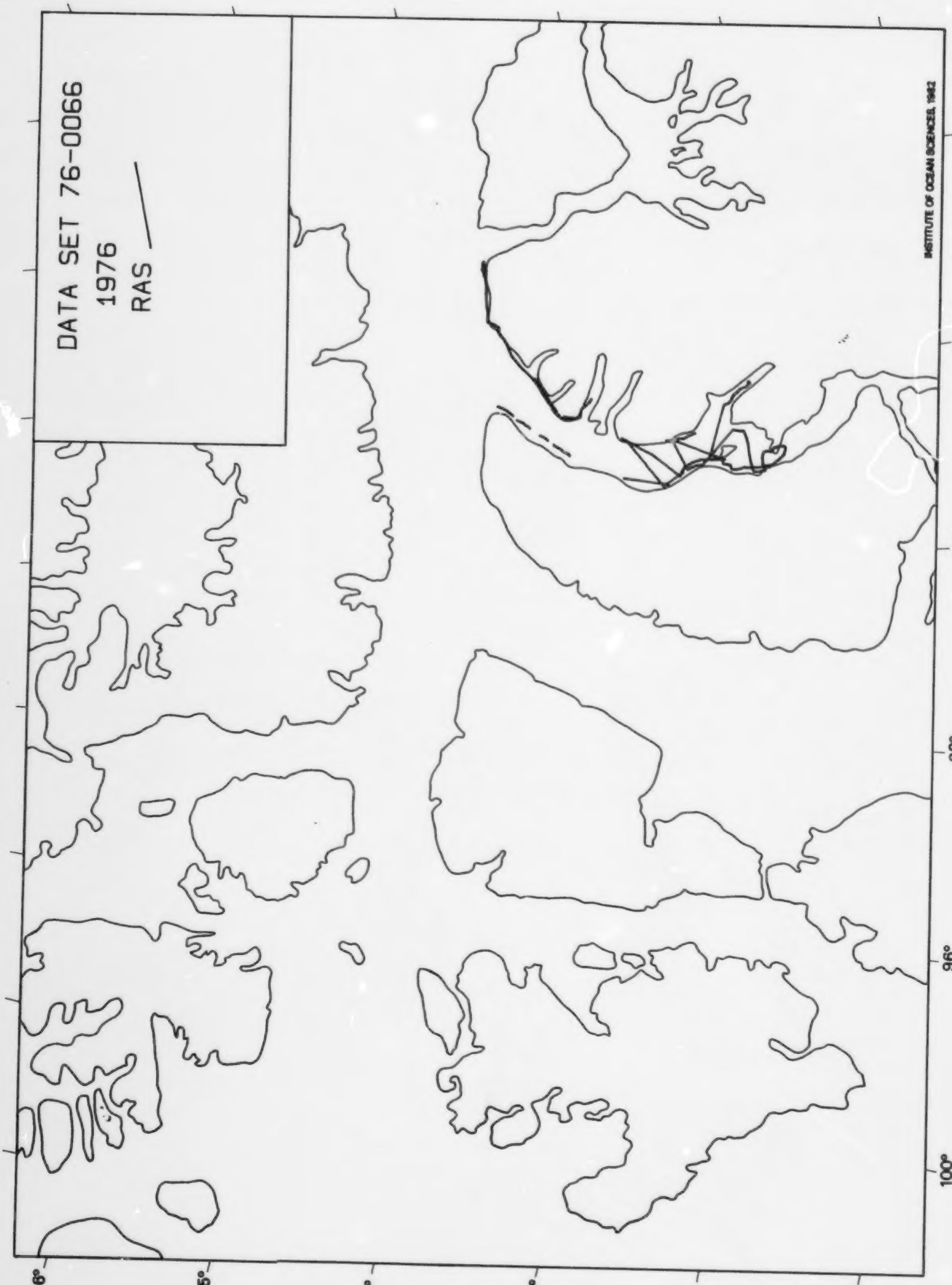
DATA SET 76-0064

1976
RAS
SS
?
?
?
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 76-0065
74°
72°
70°
68°
1976
SS
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 76-0066
74°
72°
70°
68°
1976
A11
115°
110°
105°
100°
95°
90°
INSTITUTE OF OCEAN SCIENCES, [illegible]


DATA SET 76-0066
1976
SAS
80°
84°
88°
92°
96°
100°
76°
75°
74°
73°
72°
71°
INSTITUTE OF OCEAN SCIENCES, 1982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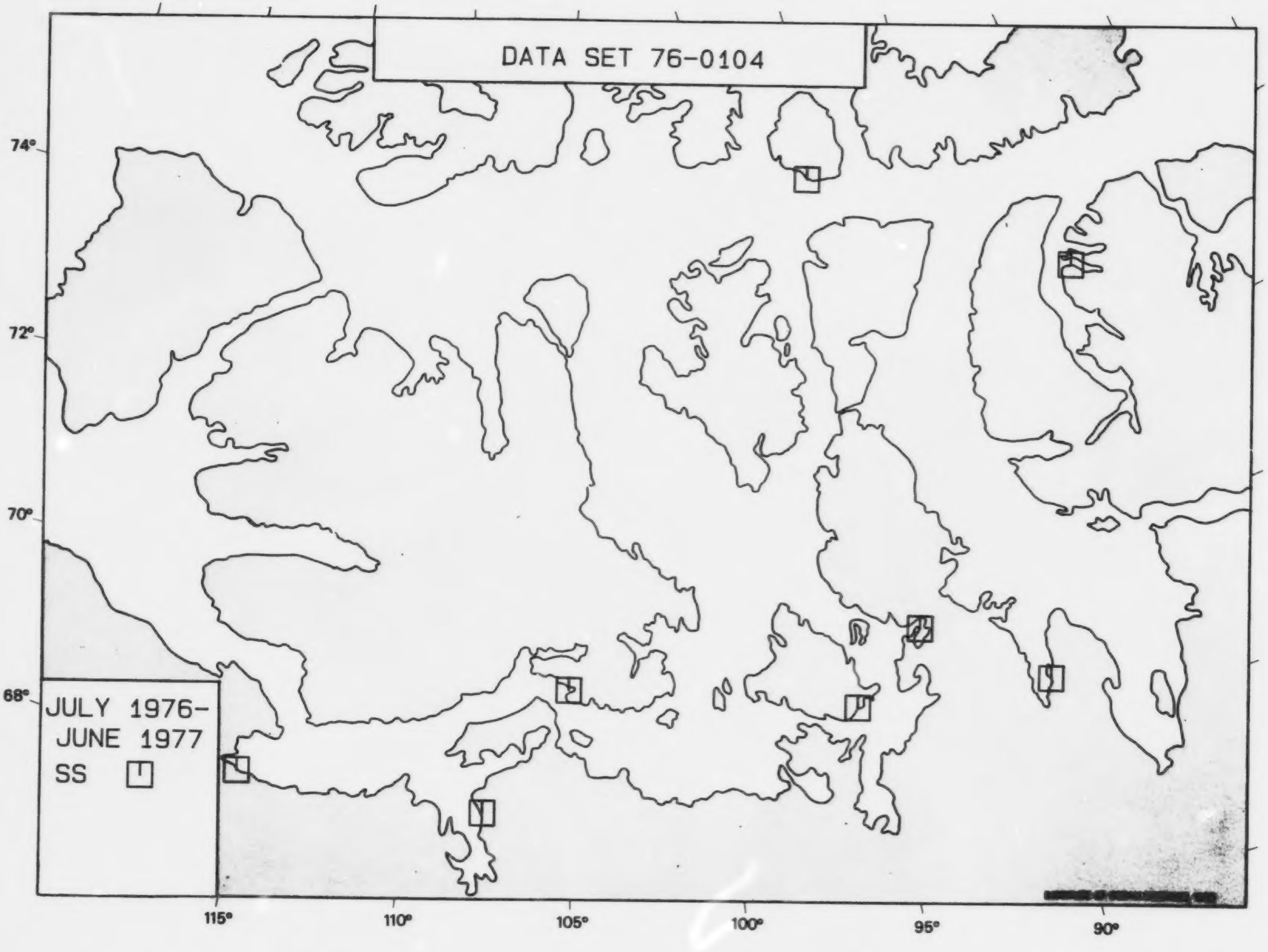
100°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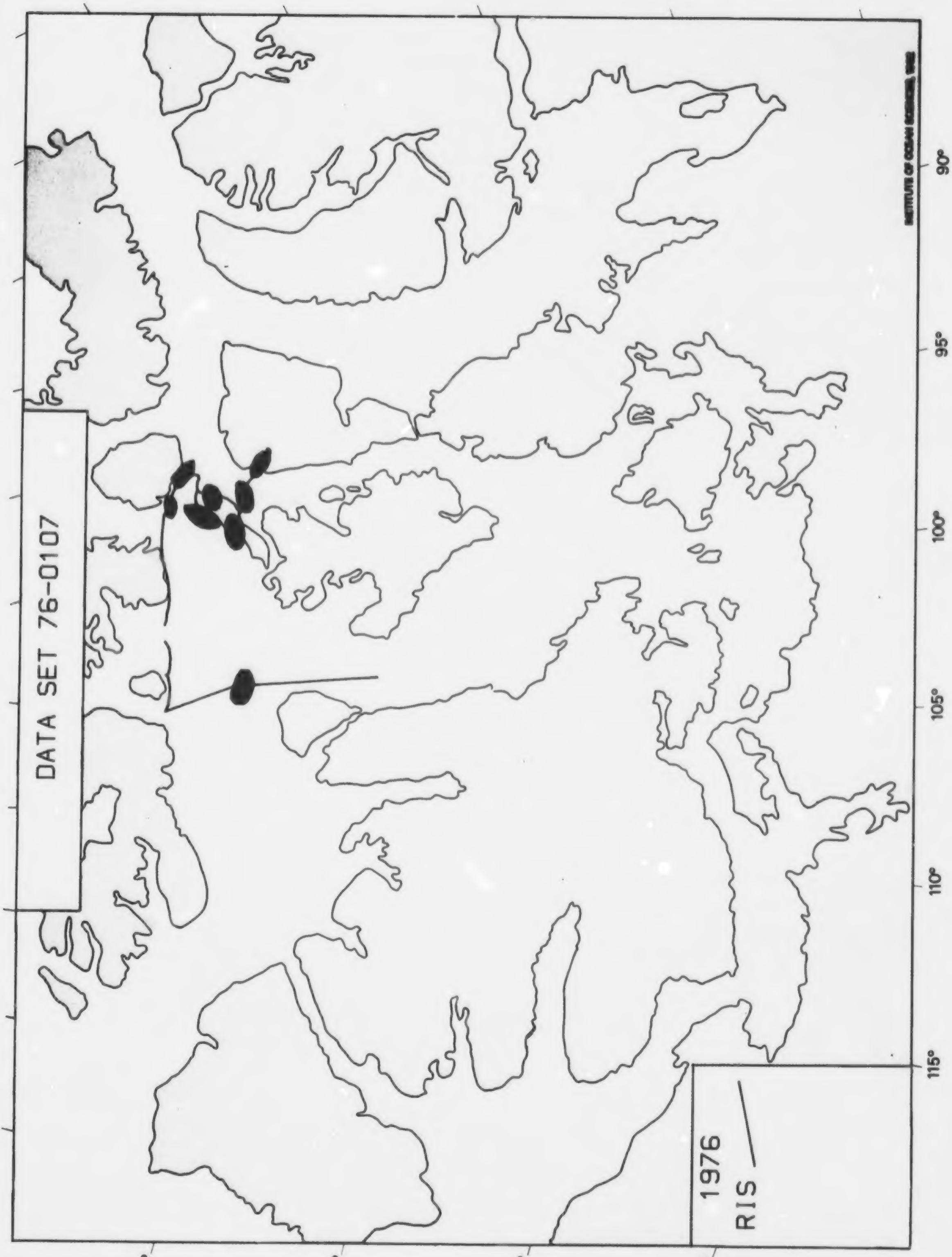
95°
90°
JULY 1976-
JUNE 1977
SS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74°
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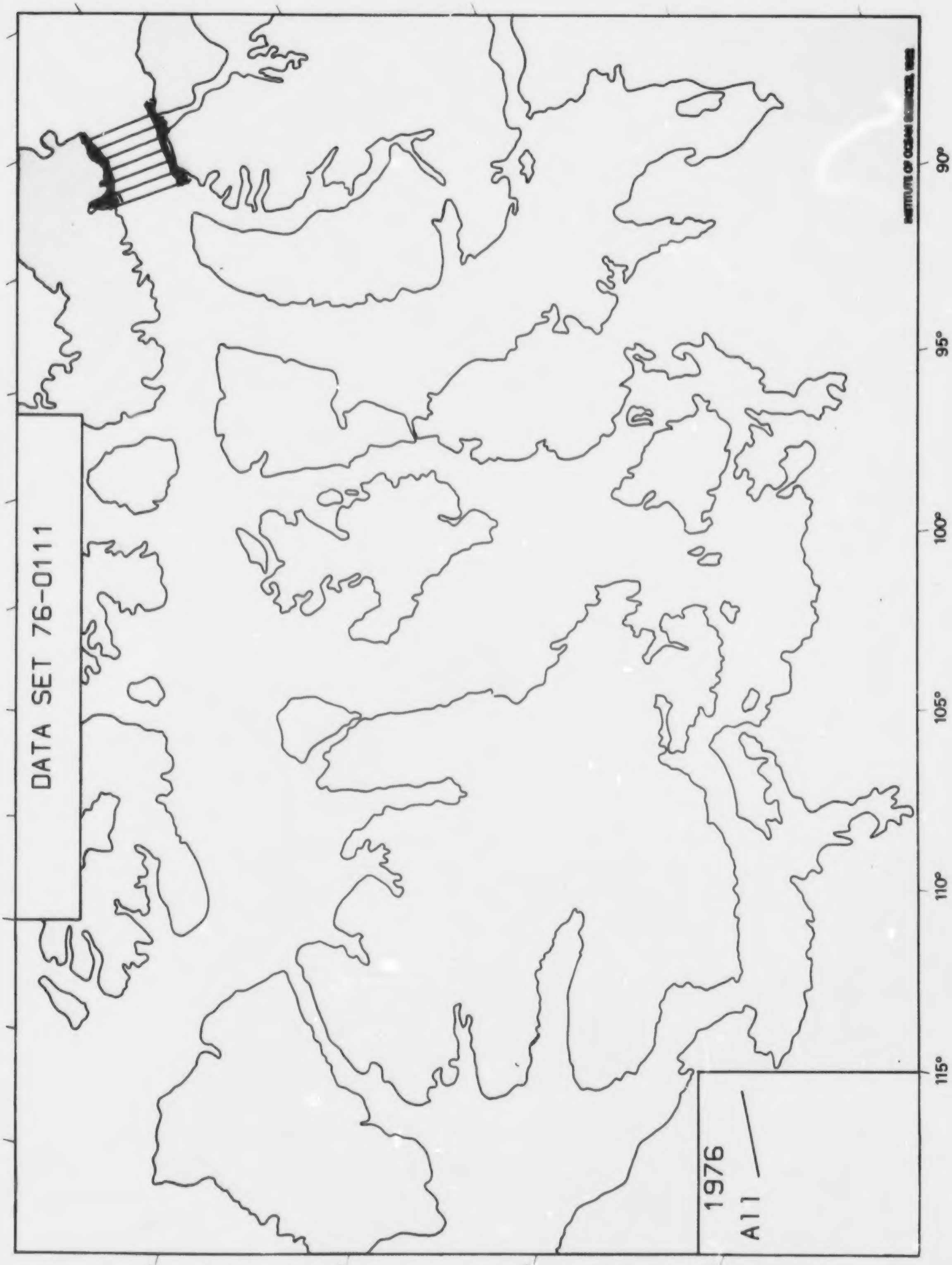
68°


DATA SET 76-0111
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INSTITUTE OF OCEAN SCIENCES
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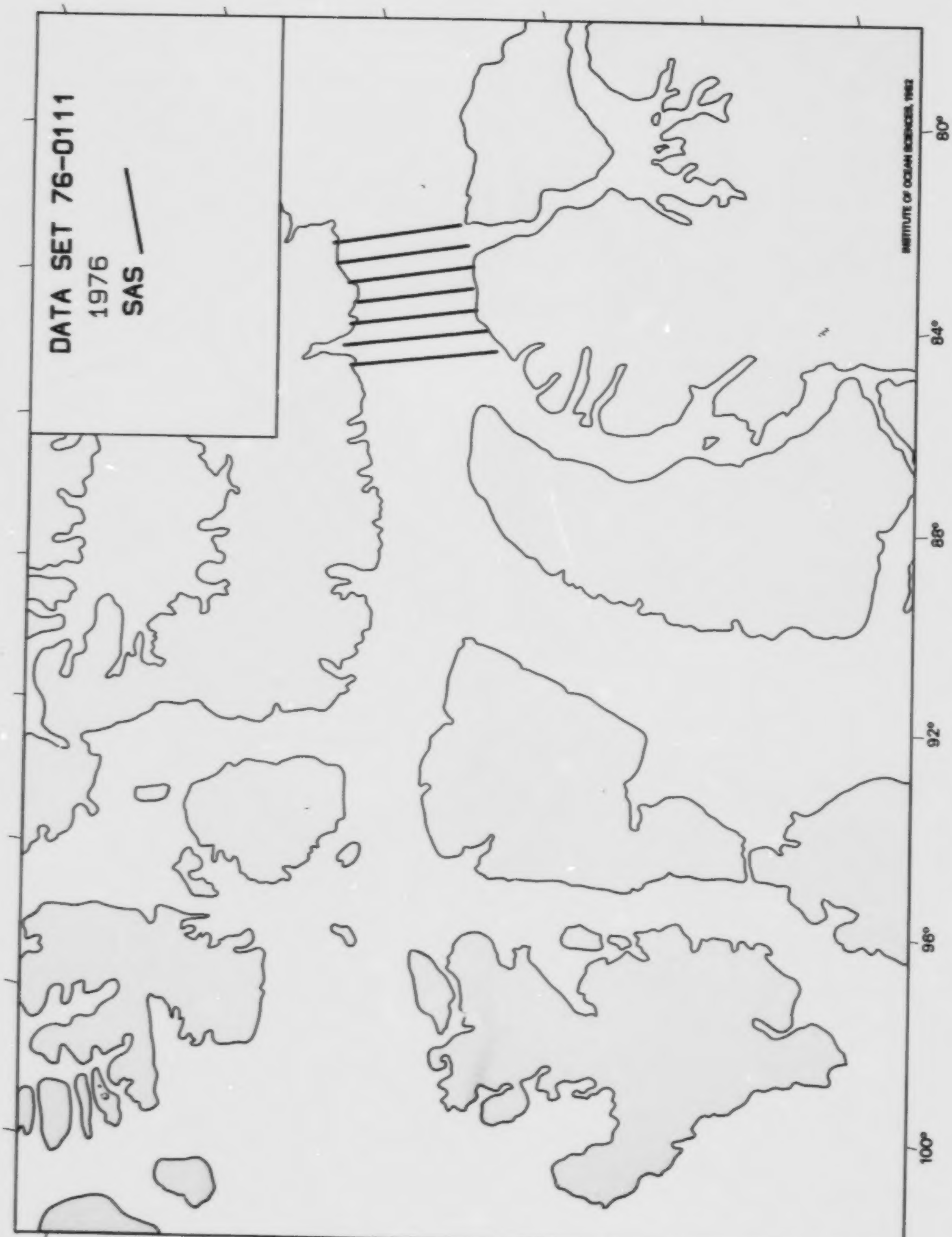
110°
115°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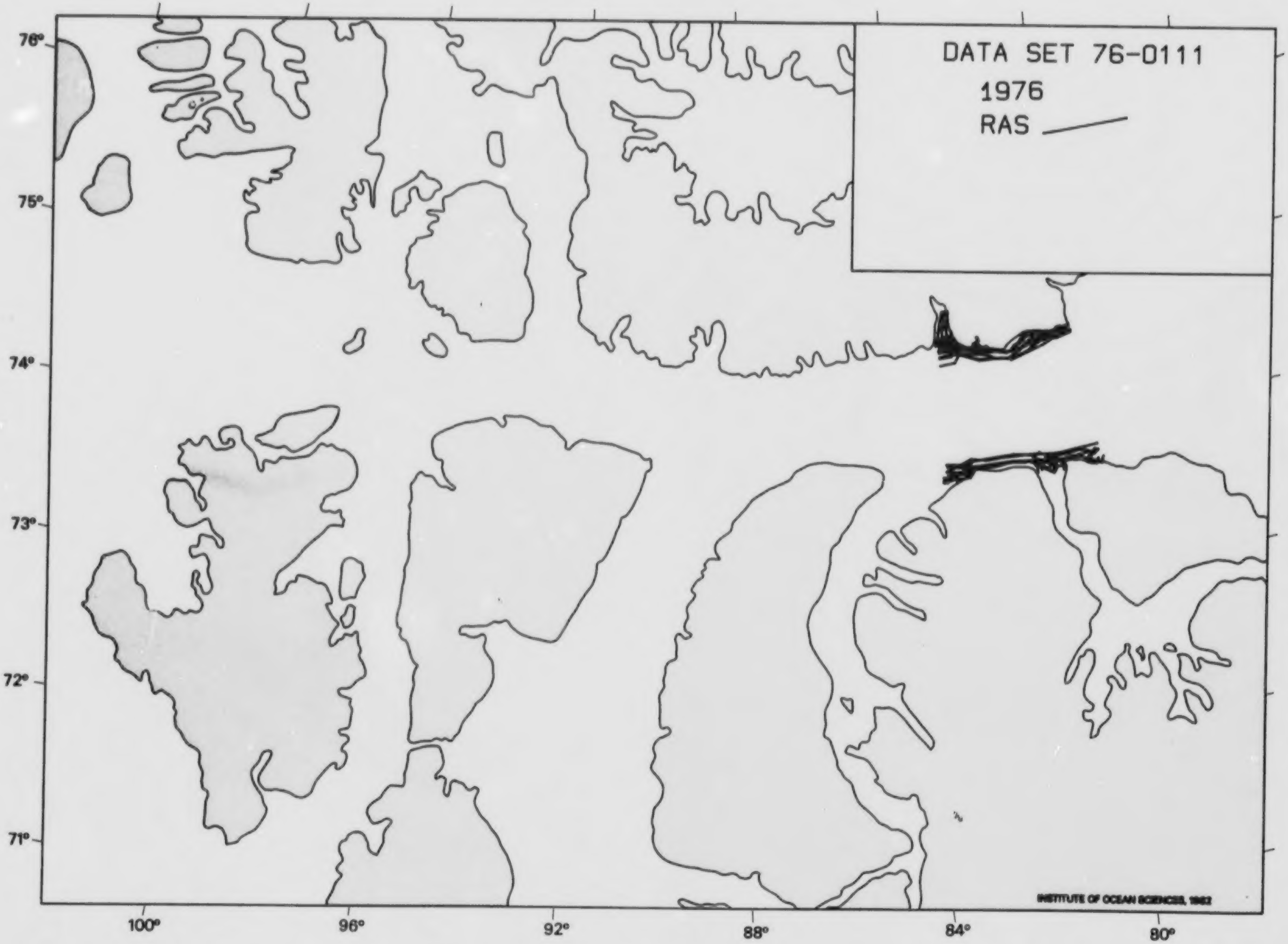
INSTITUTE OF OCEAN SCIENCES, 1982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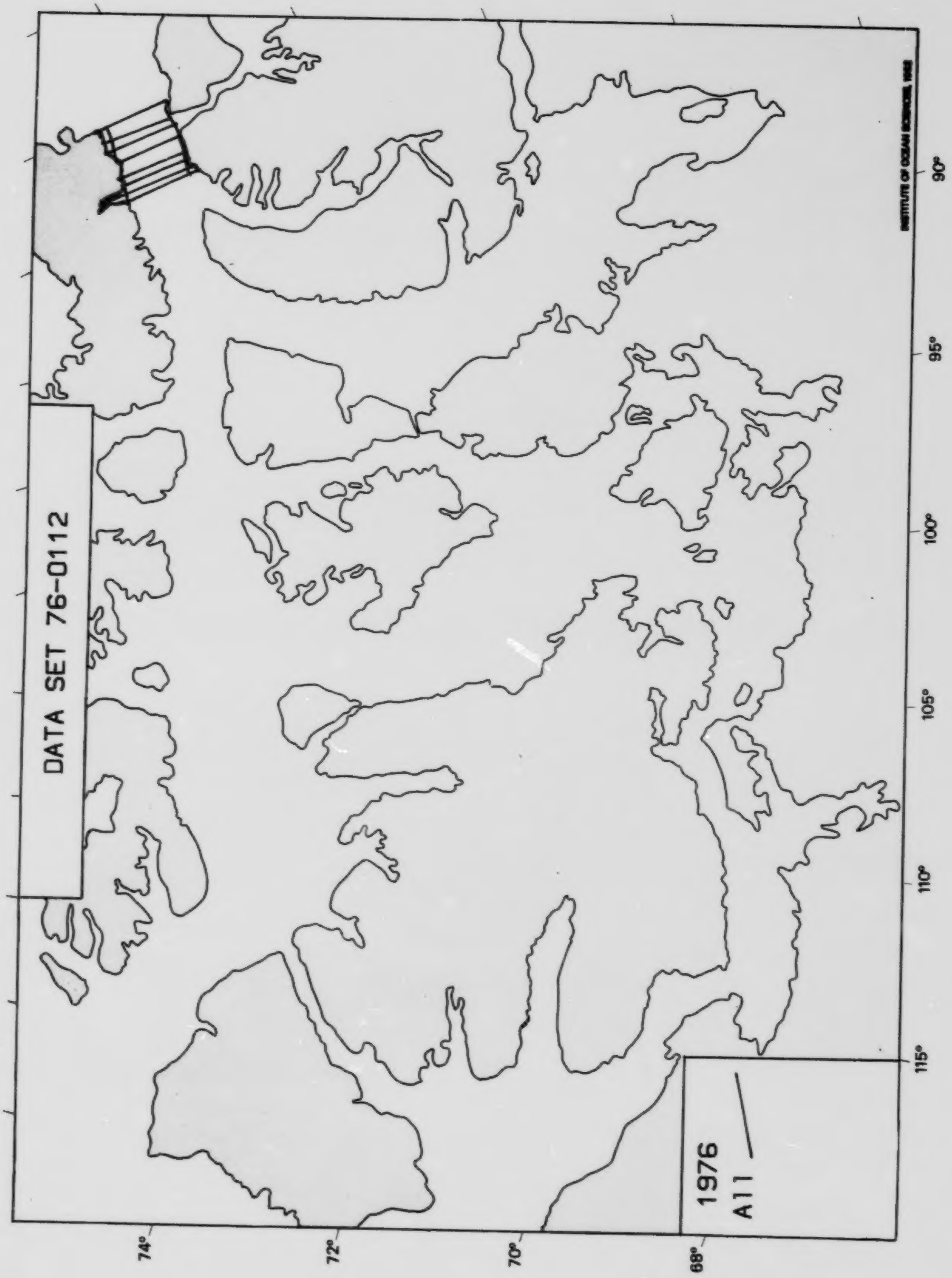
INSTITUTE OF OCEAN SCIENCES, 1982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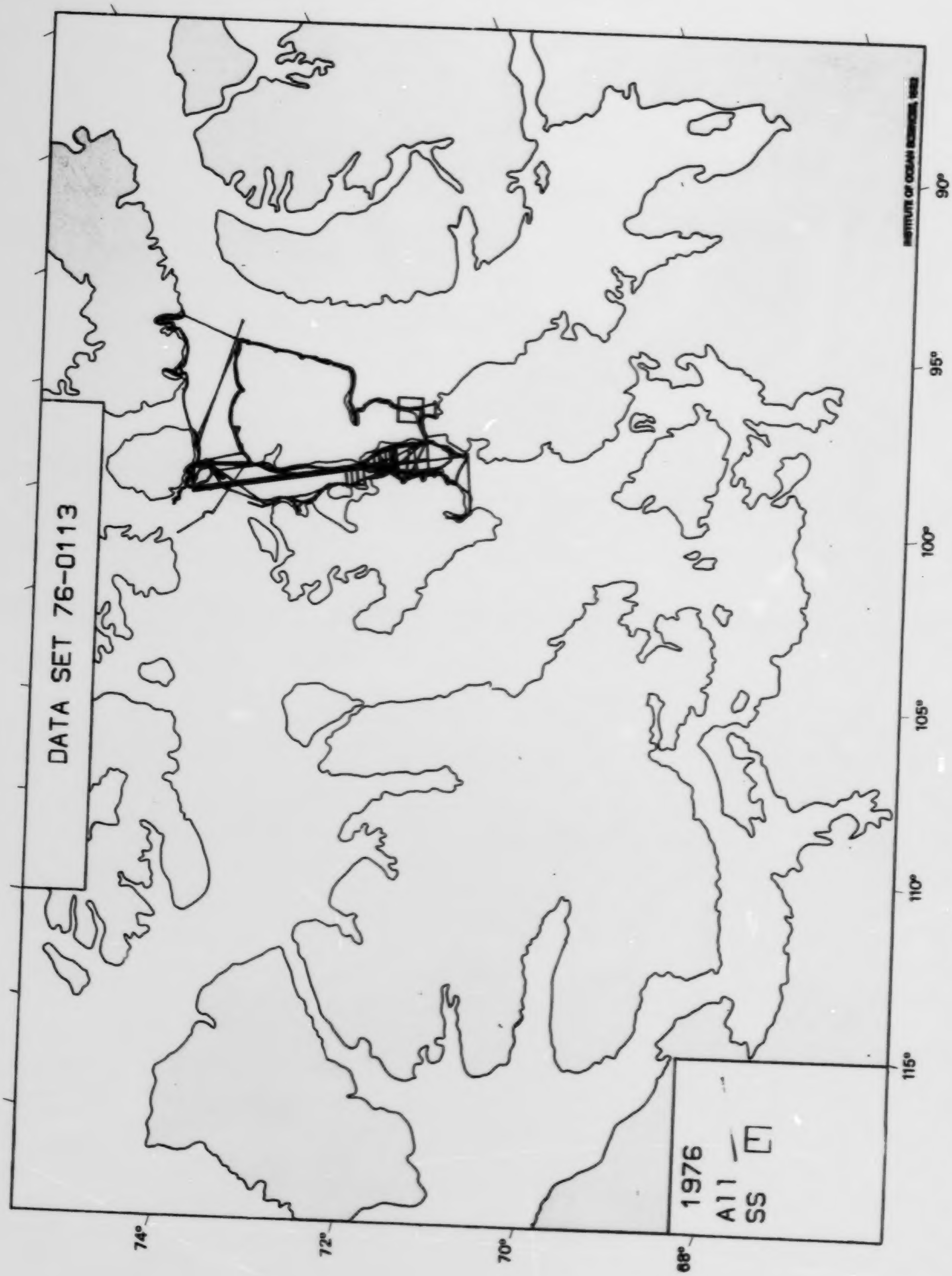
DATA SET 76-0113
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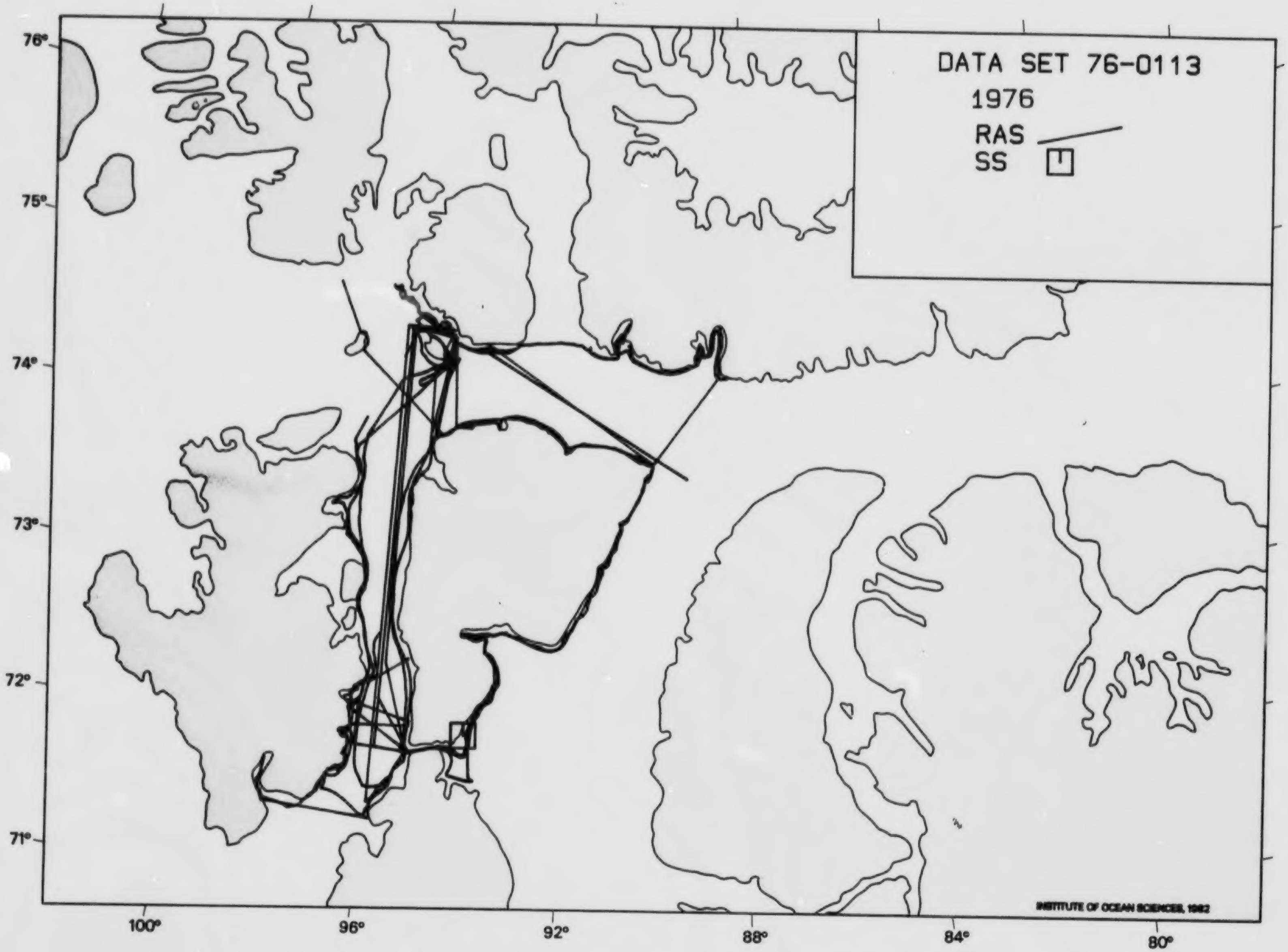
115°



DATA SET 76-0113
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RAS
SS
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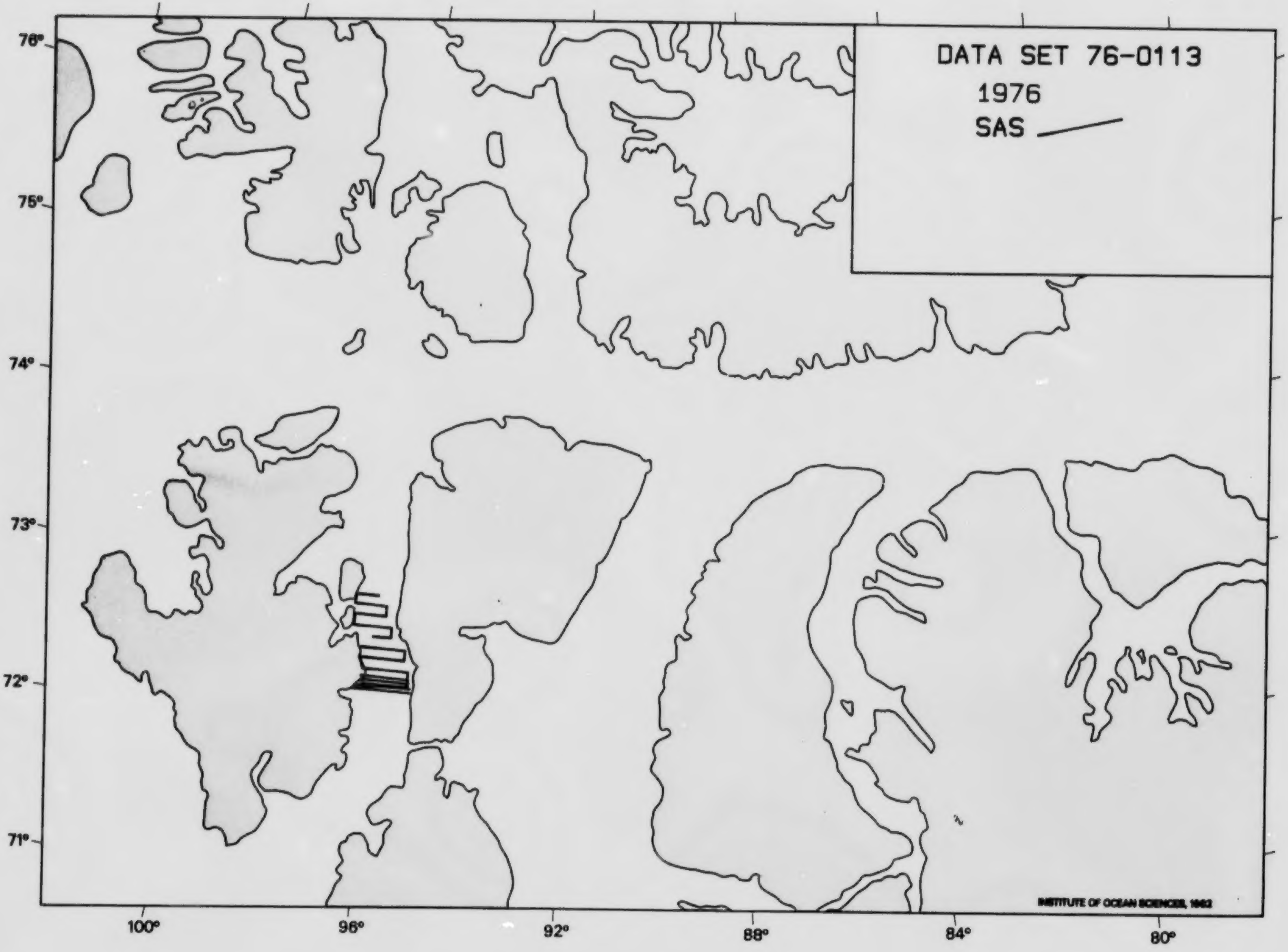
80°
INSTITUTE OF OCEAN SCIENCES, 1982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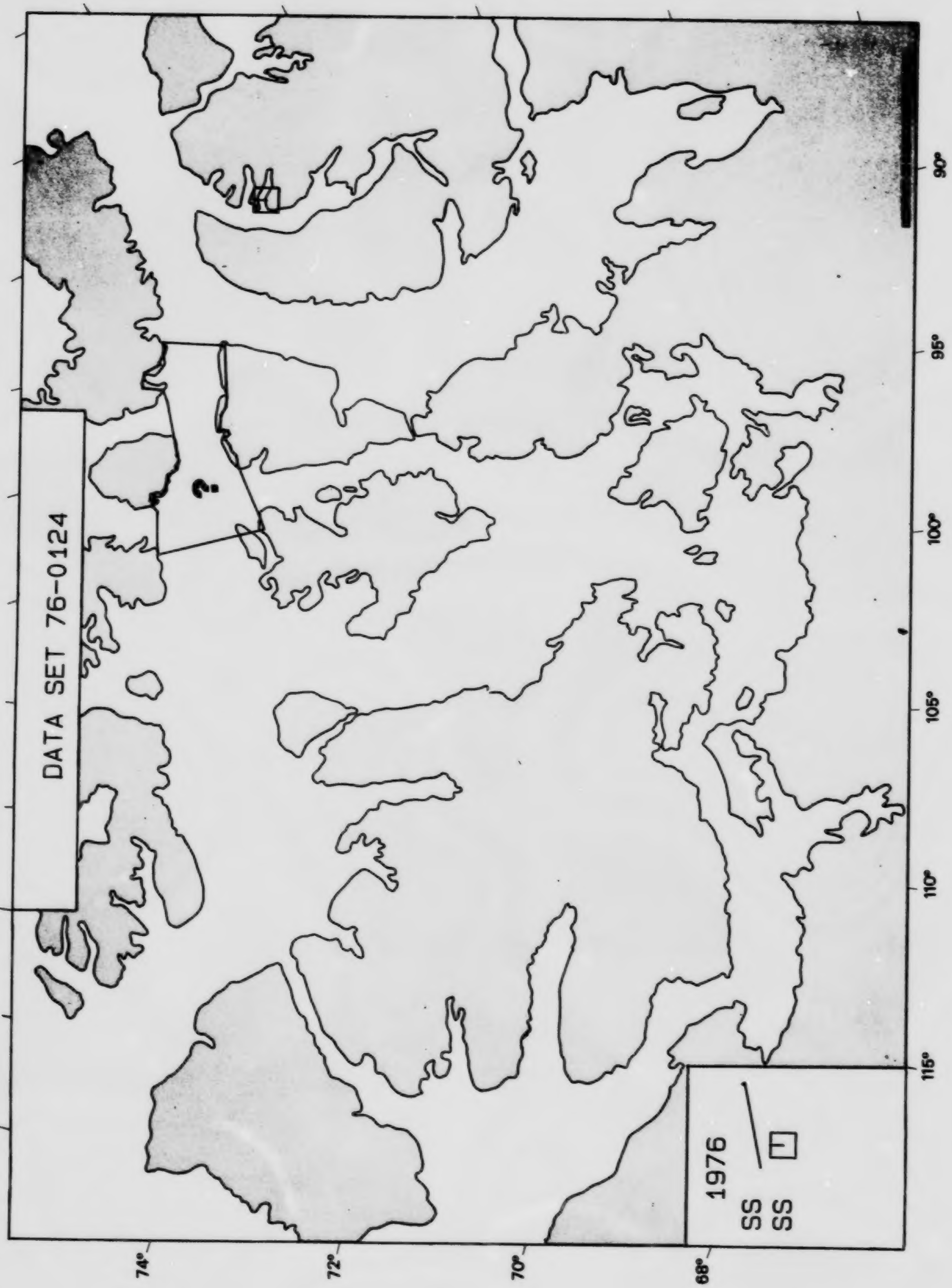
INSTITUTE OF OCEAN SCIENCES, 1982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1976
SS
SS
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72°
70°
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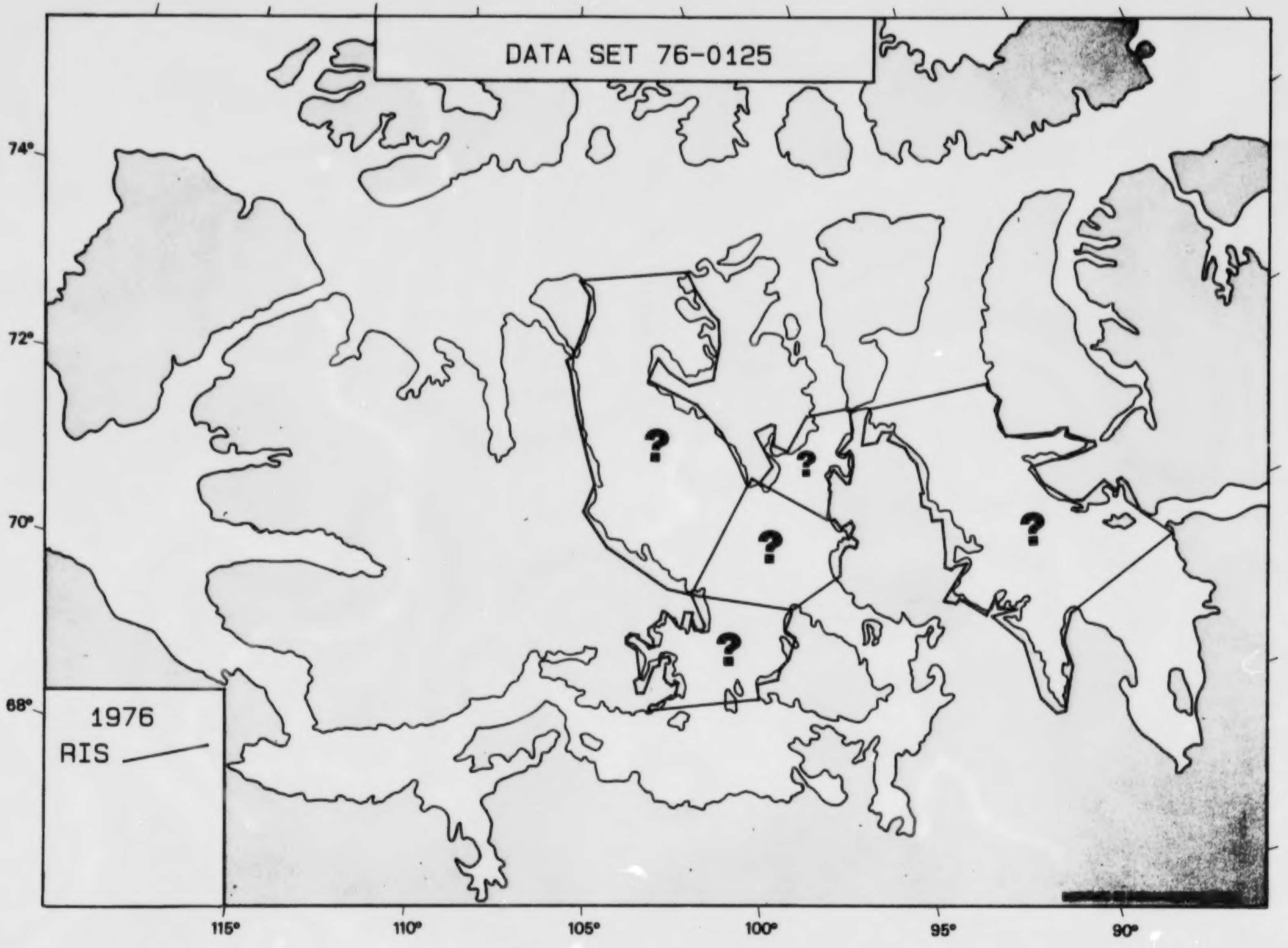
110°
115°


DATA SET 76-0125
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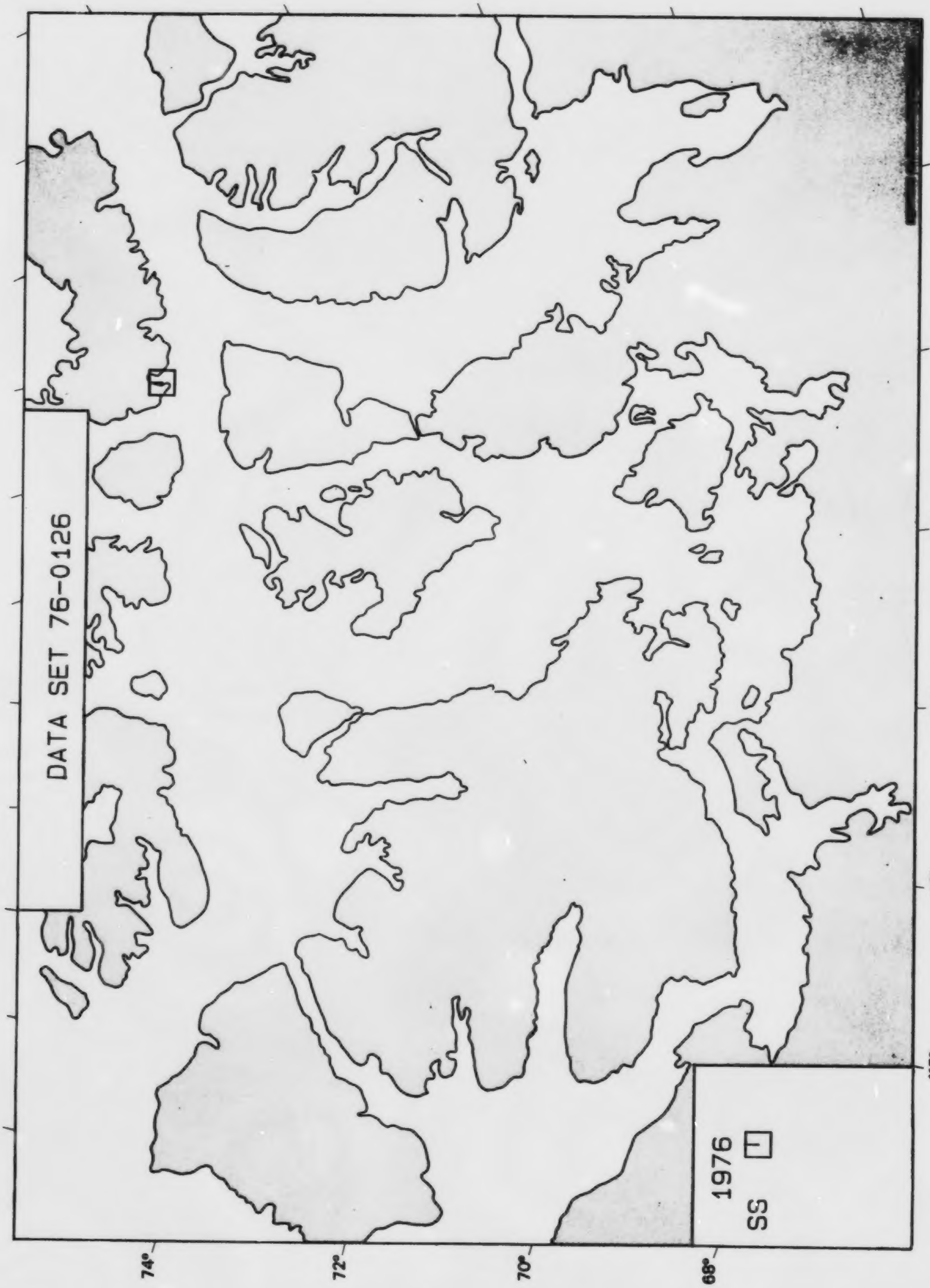
?
?
1976
RIS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110°
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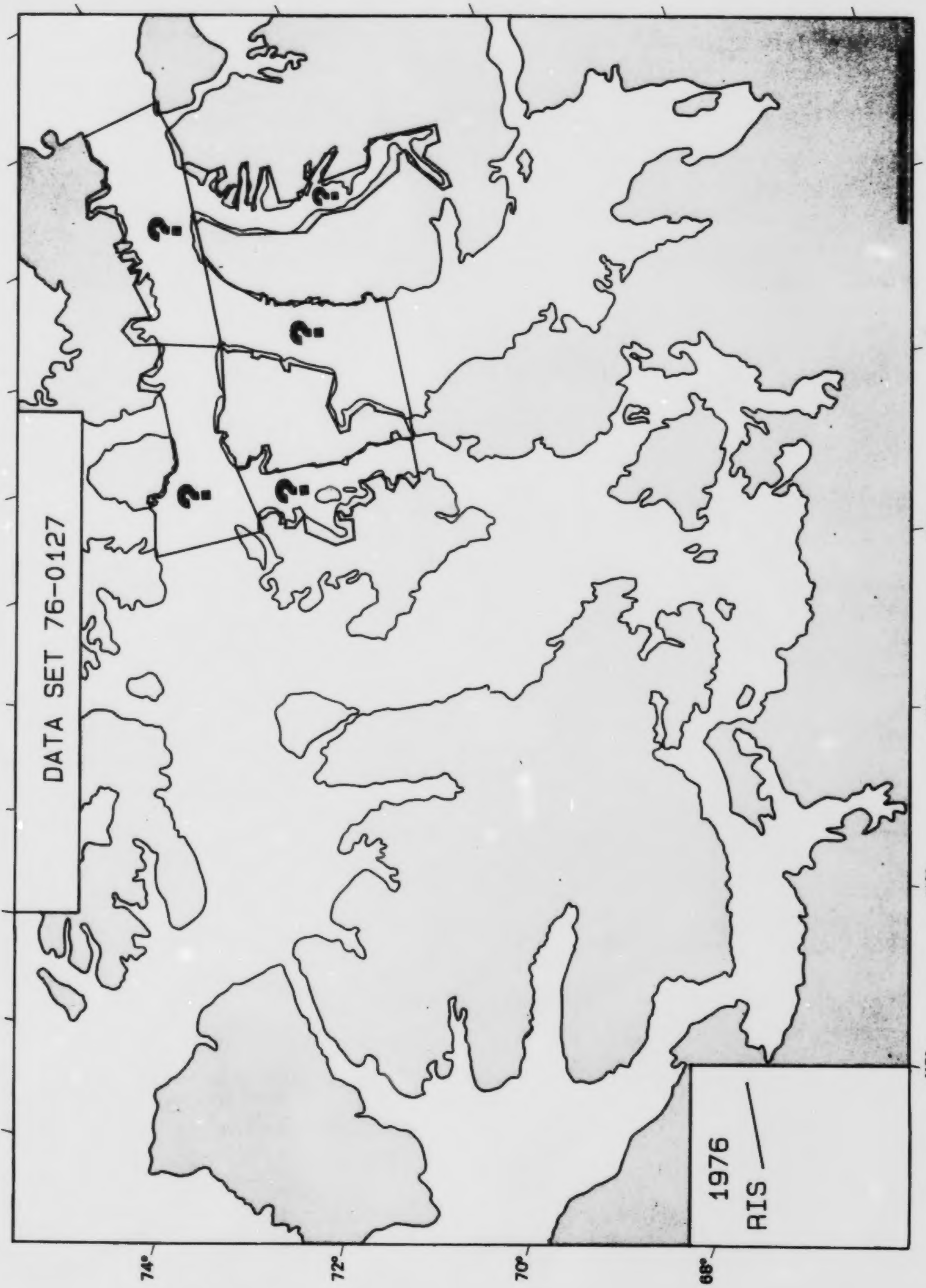
72°
70°
68°


DATA SET 76-0127
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110°
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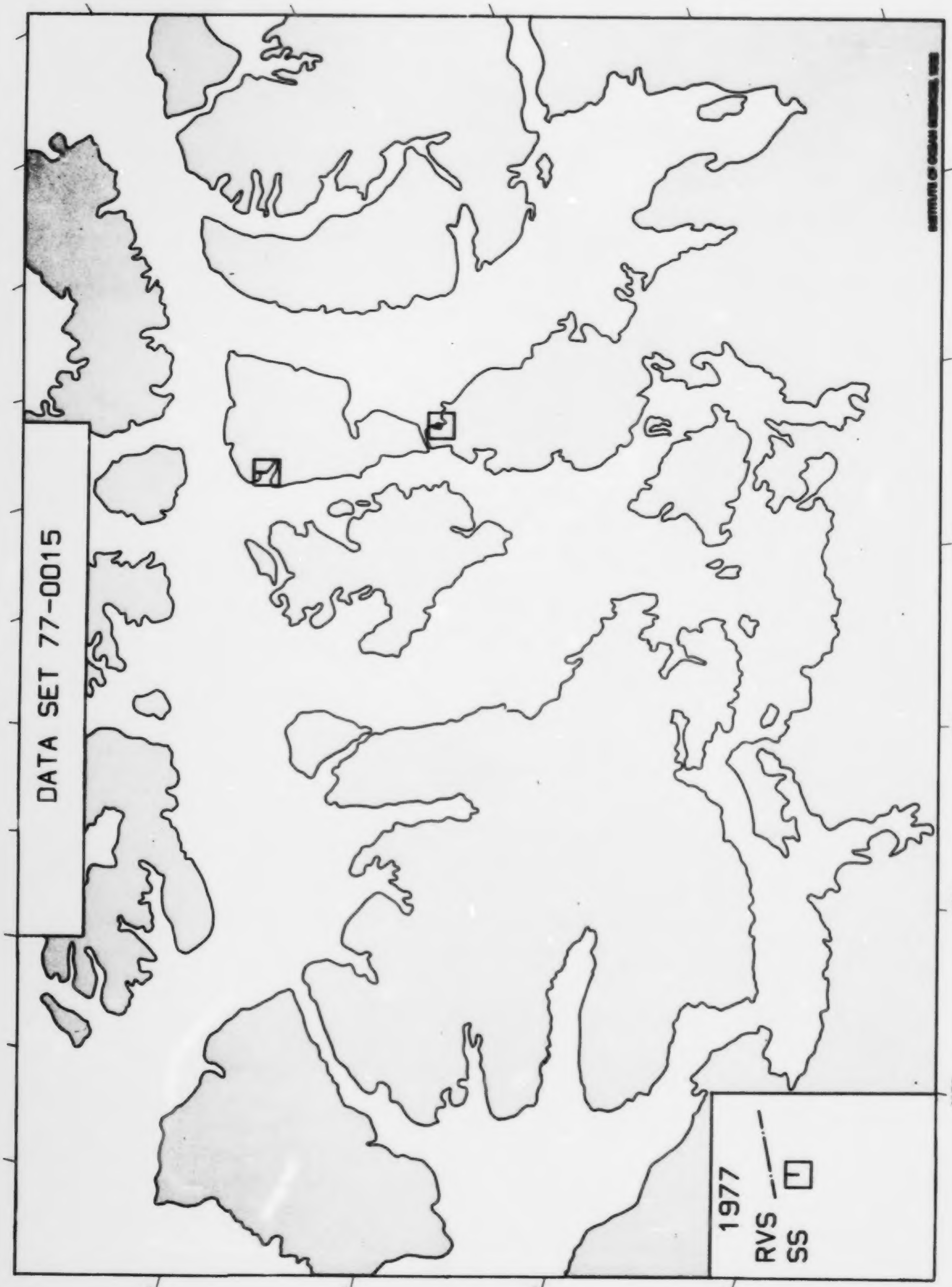
DATA SET 77-0015
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RVS
SS
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70°
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95°
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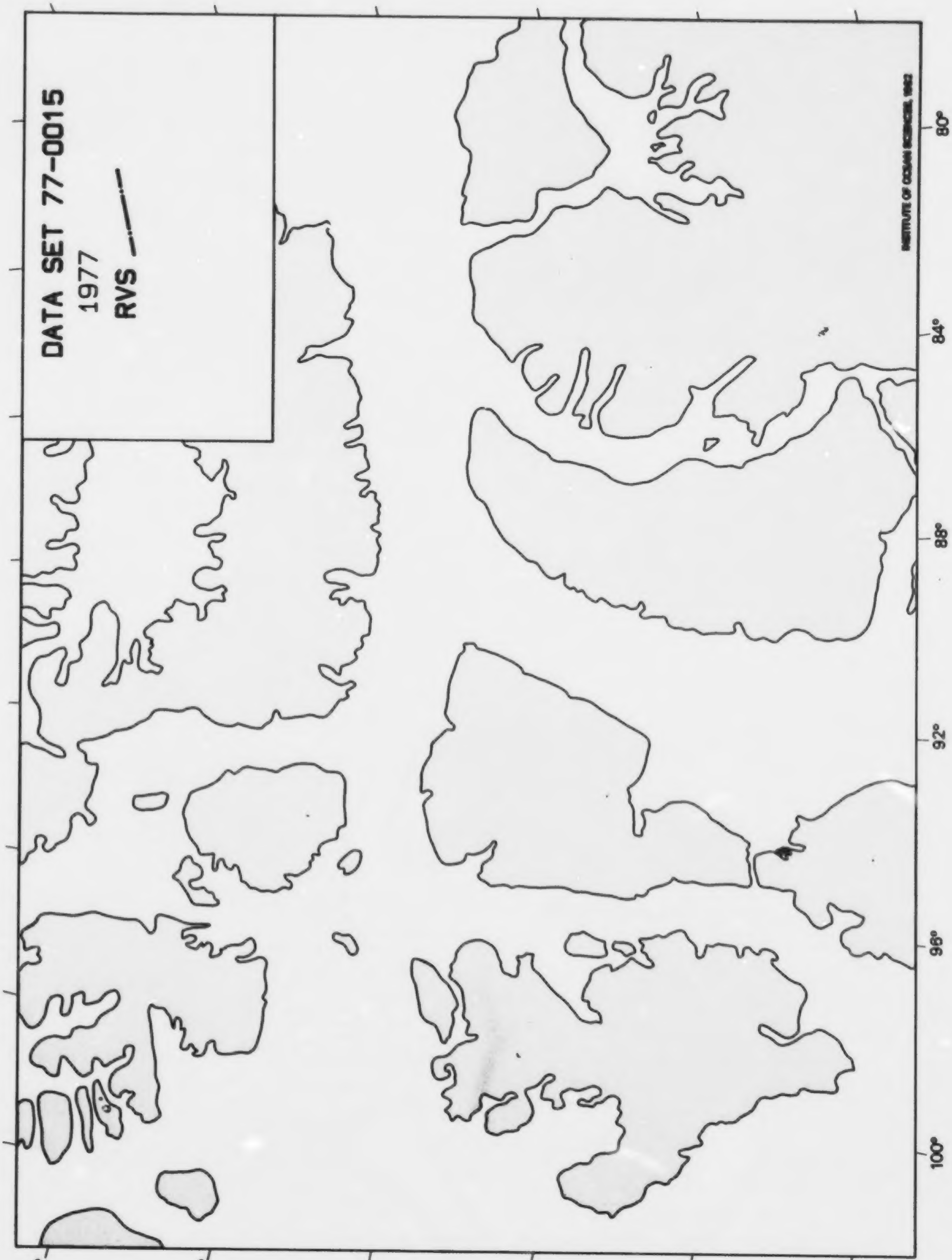
DATA SET 77-0015
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RVS
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96°
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76°
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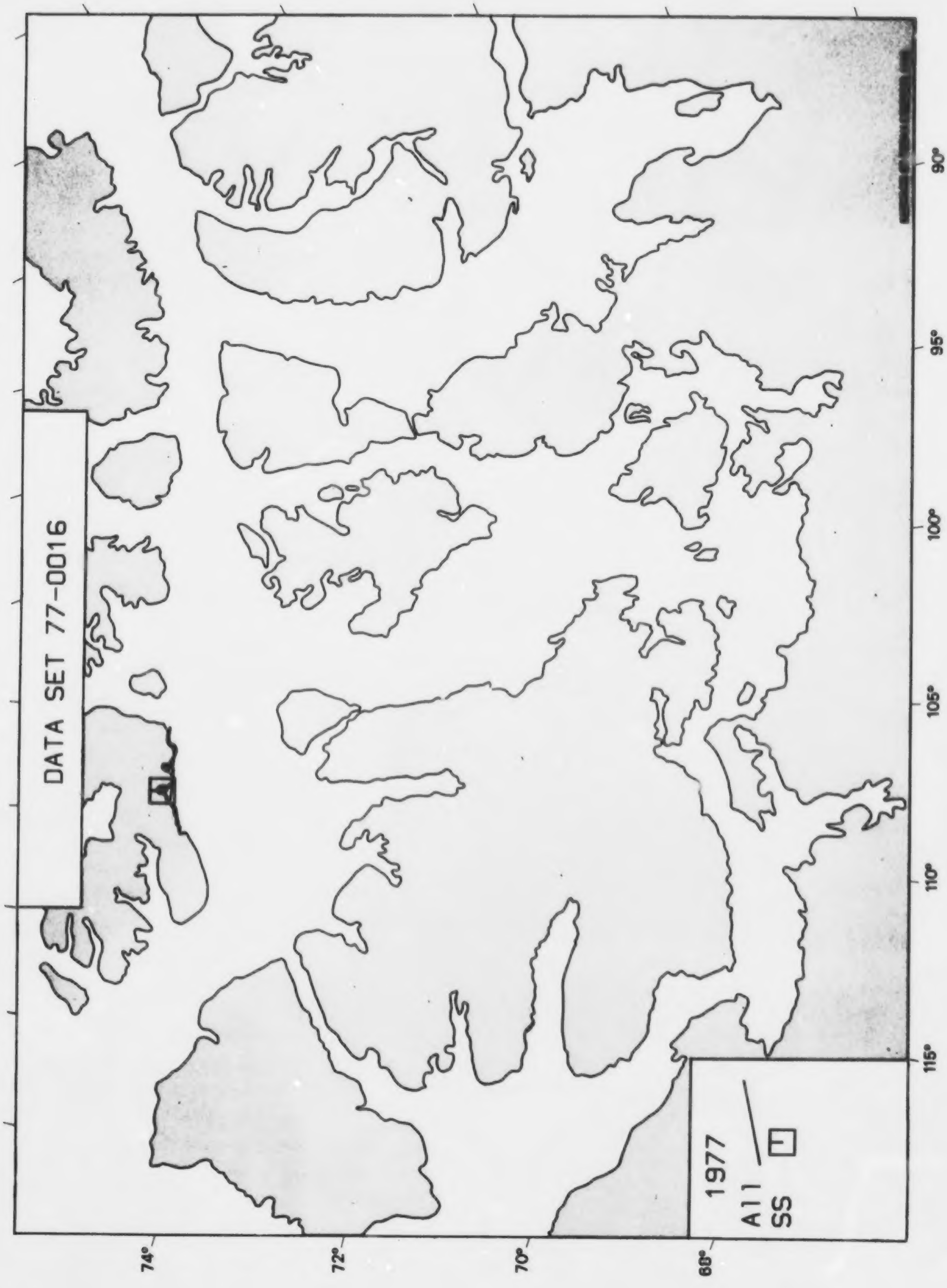
73°
72°
71°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All
SS
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110°
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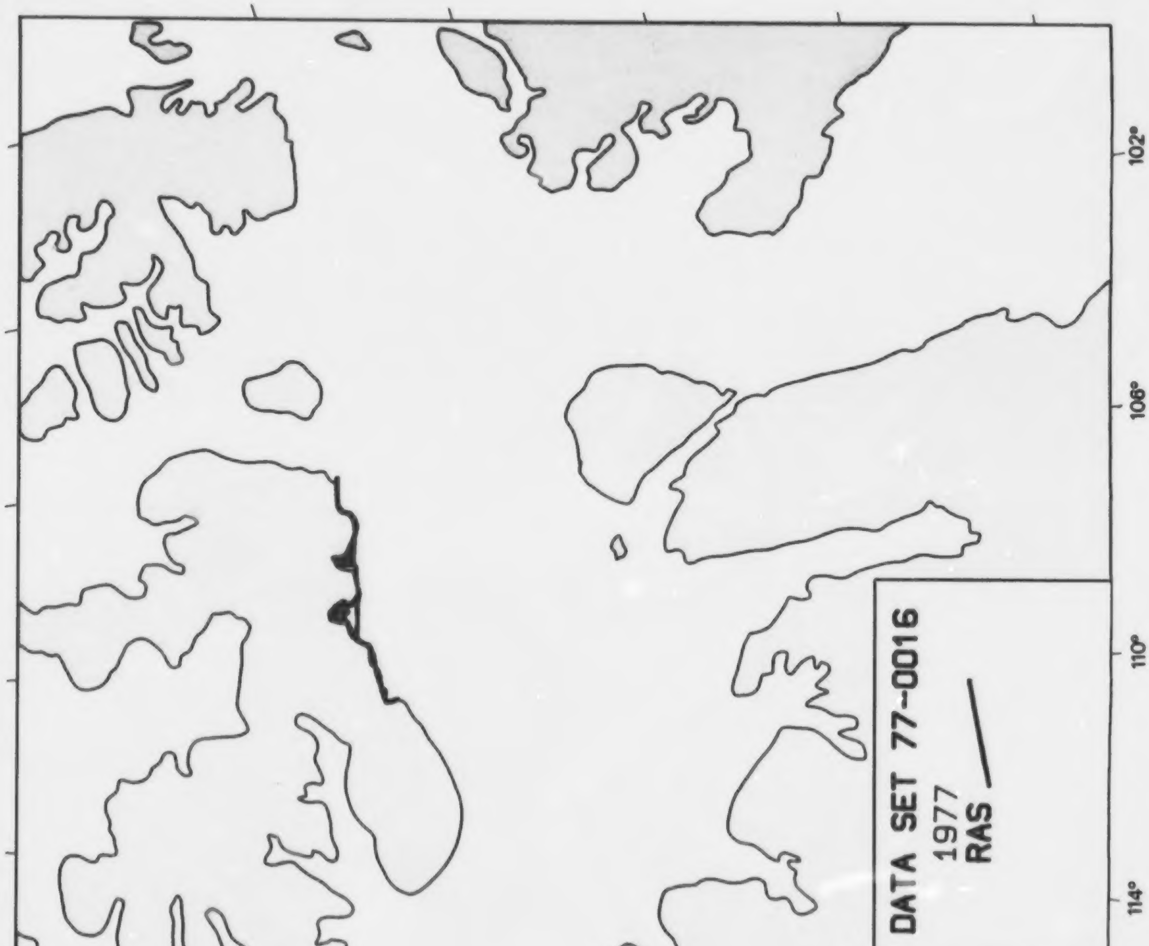
DATA SET 77-0016
1977
RAS
INSTITUTE OF OCEAN SCIENCES 1982
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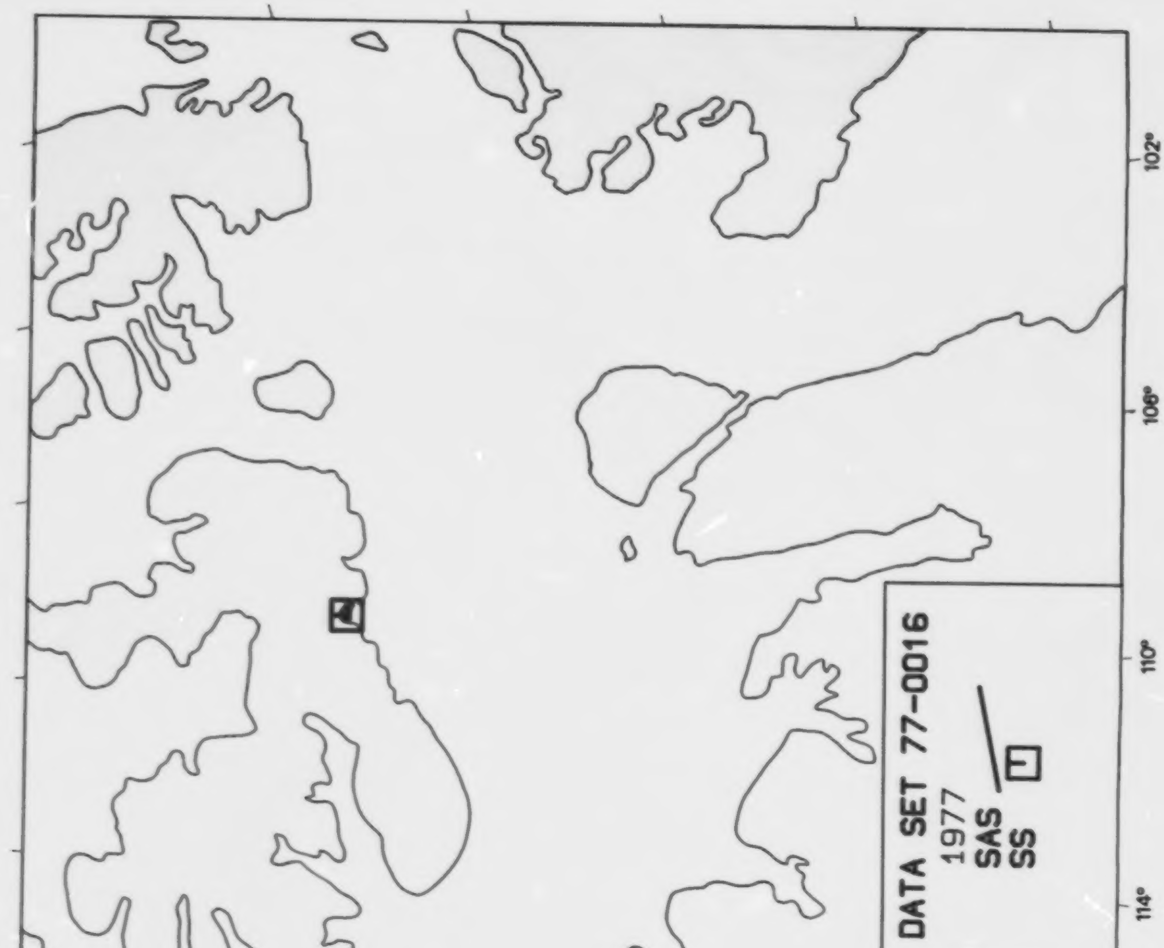
118°
122°


DATA SET 77-0016
1977
SAS
SS
INSTITUTE OF OCEAN SCIENCES 1982
75°
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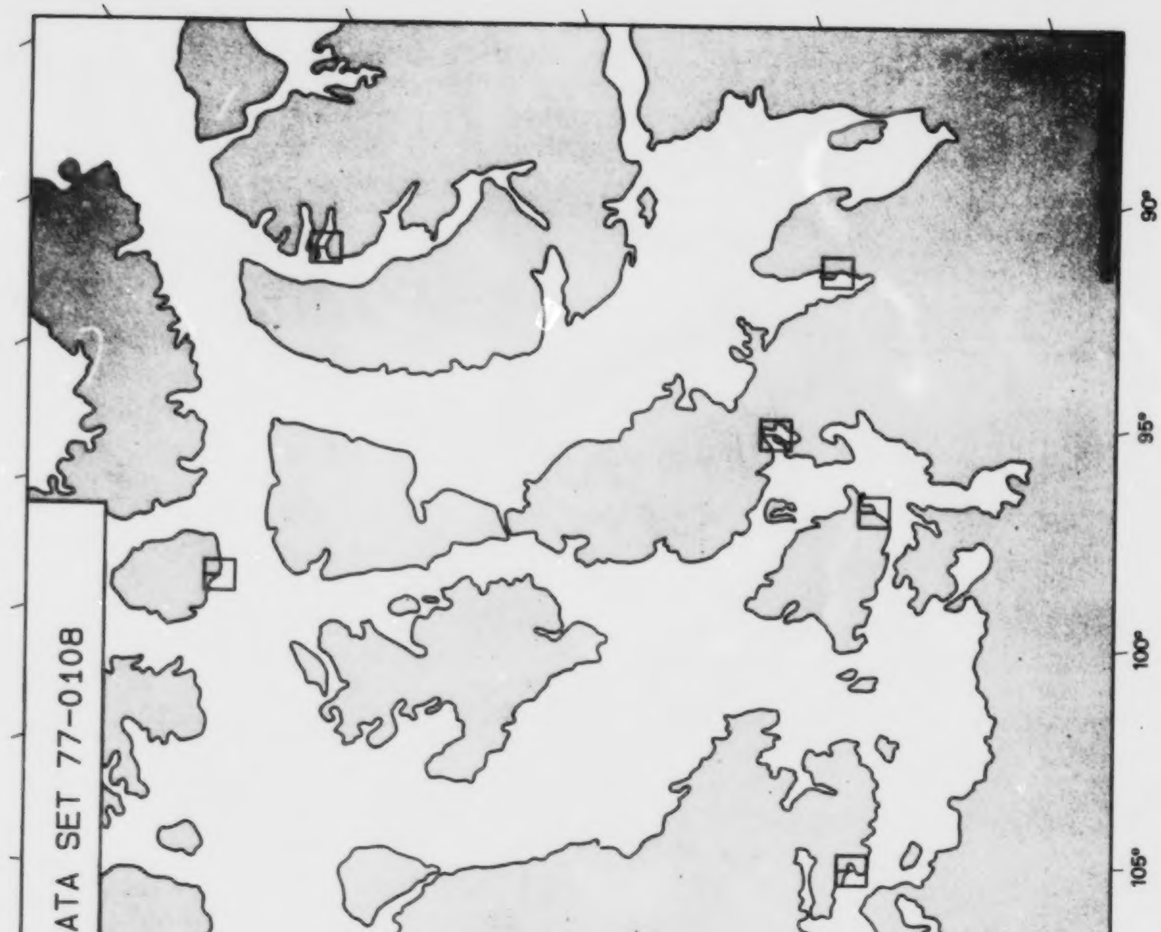
DATA SET 77-0108
JULY 1977-
JUNE 1978
SS
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72°
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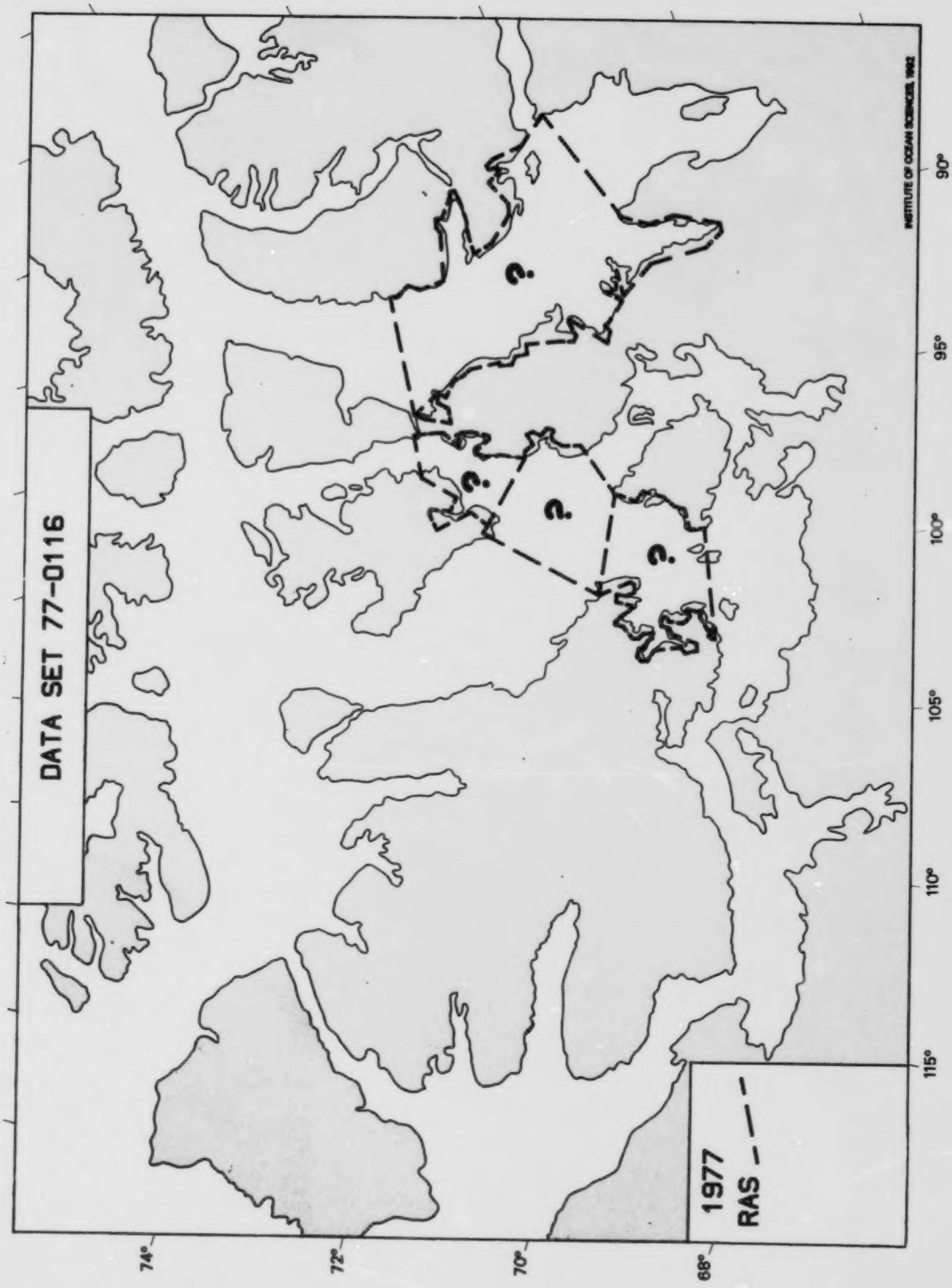
115°


1977
RAS
?
?
?
?
74°
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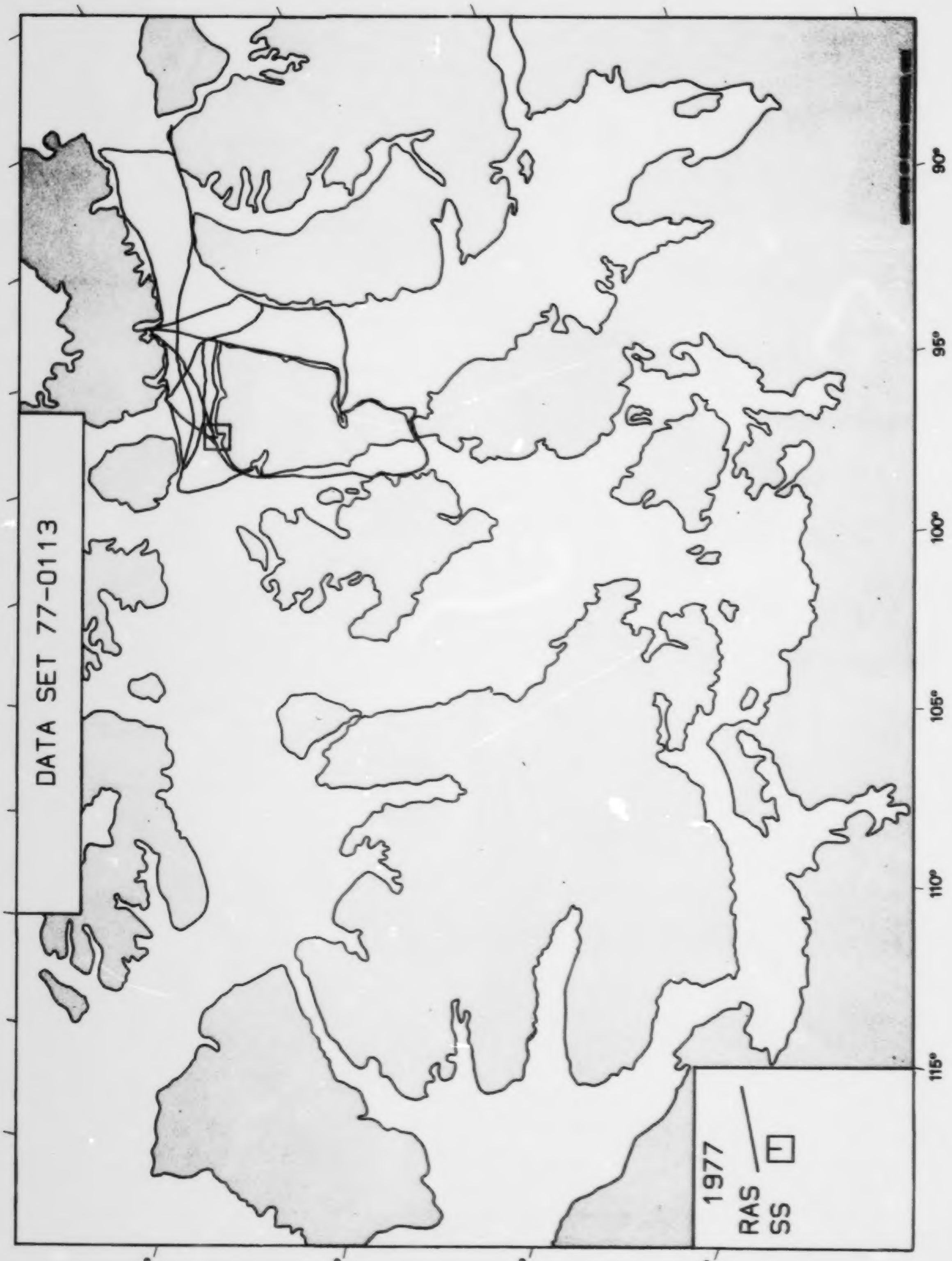
105°
110°
115°

DATA SET 77-0116

INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 77-0113
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RAS
SS
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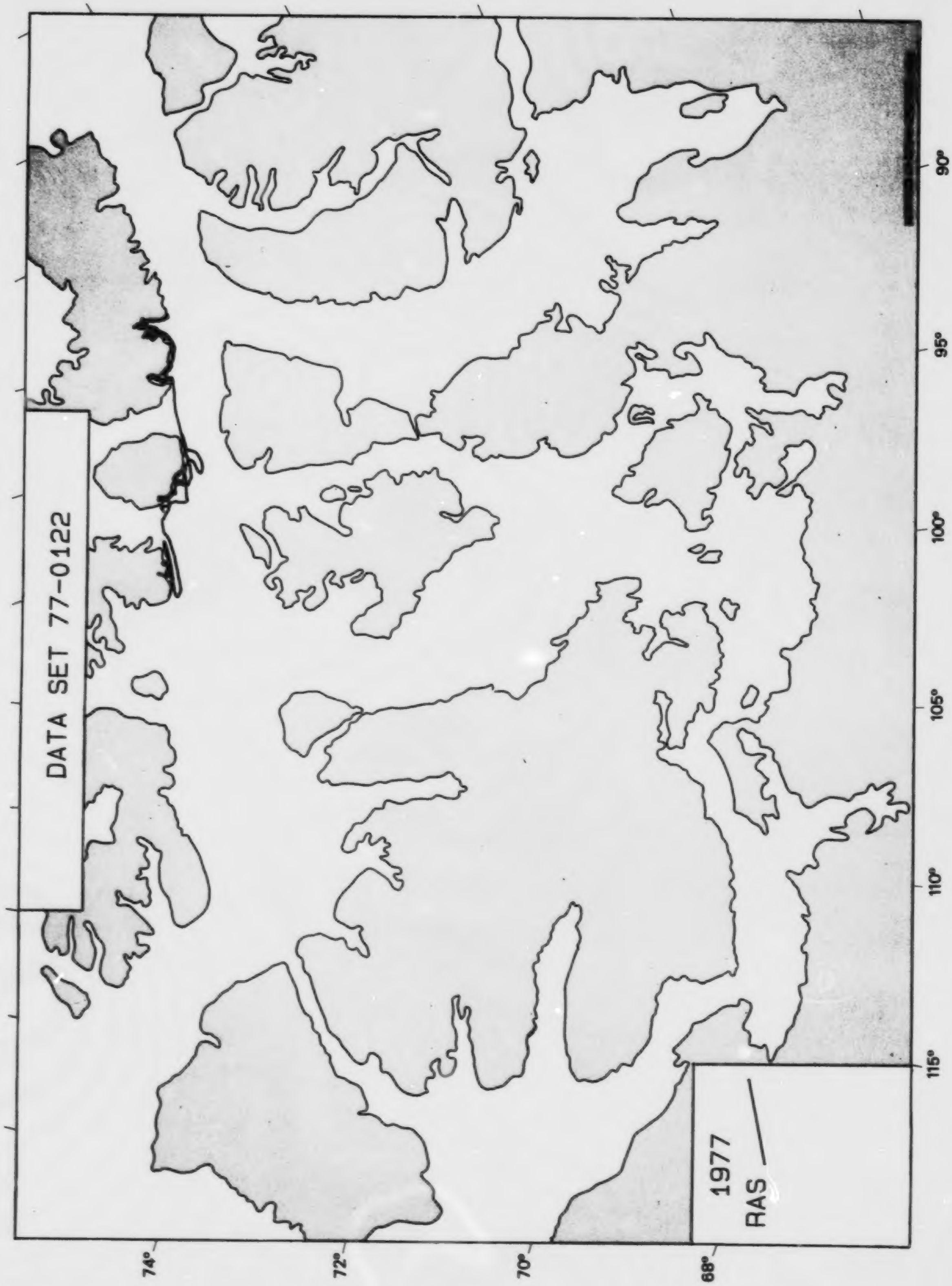
100°
105°
110°
115°
74°
72°
70°
68°


DATA SET 77-0122
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RAS
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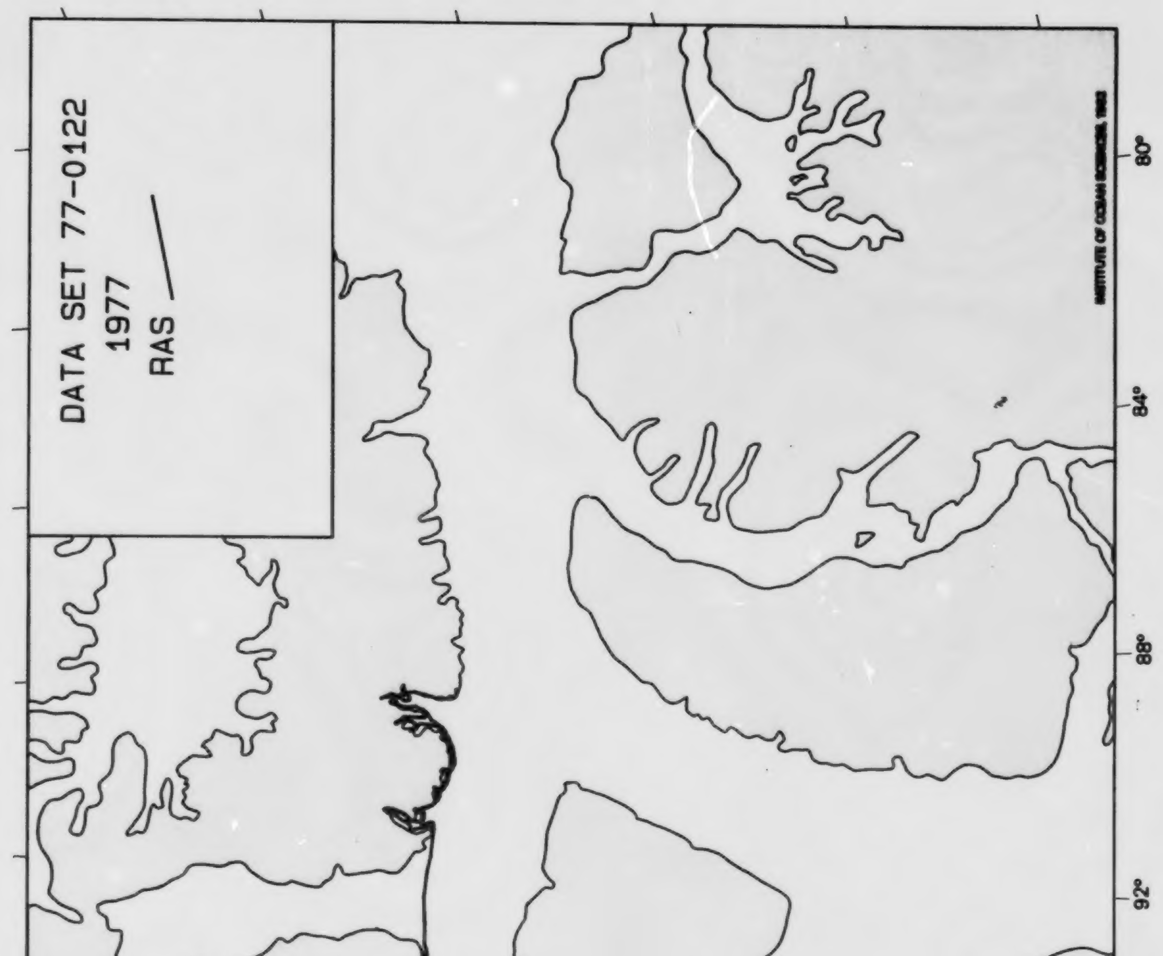
68°


DATA SET 77-0122
1977
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INSTITUTE OF OCEAN SCIENCES, 1982
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74°
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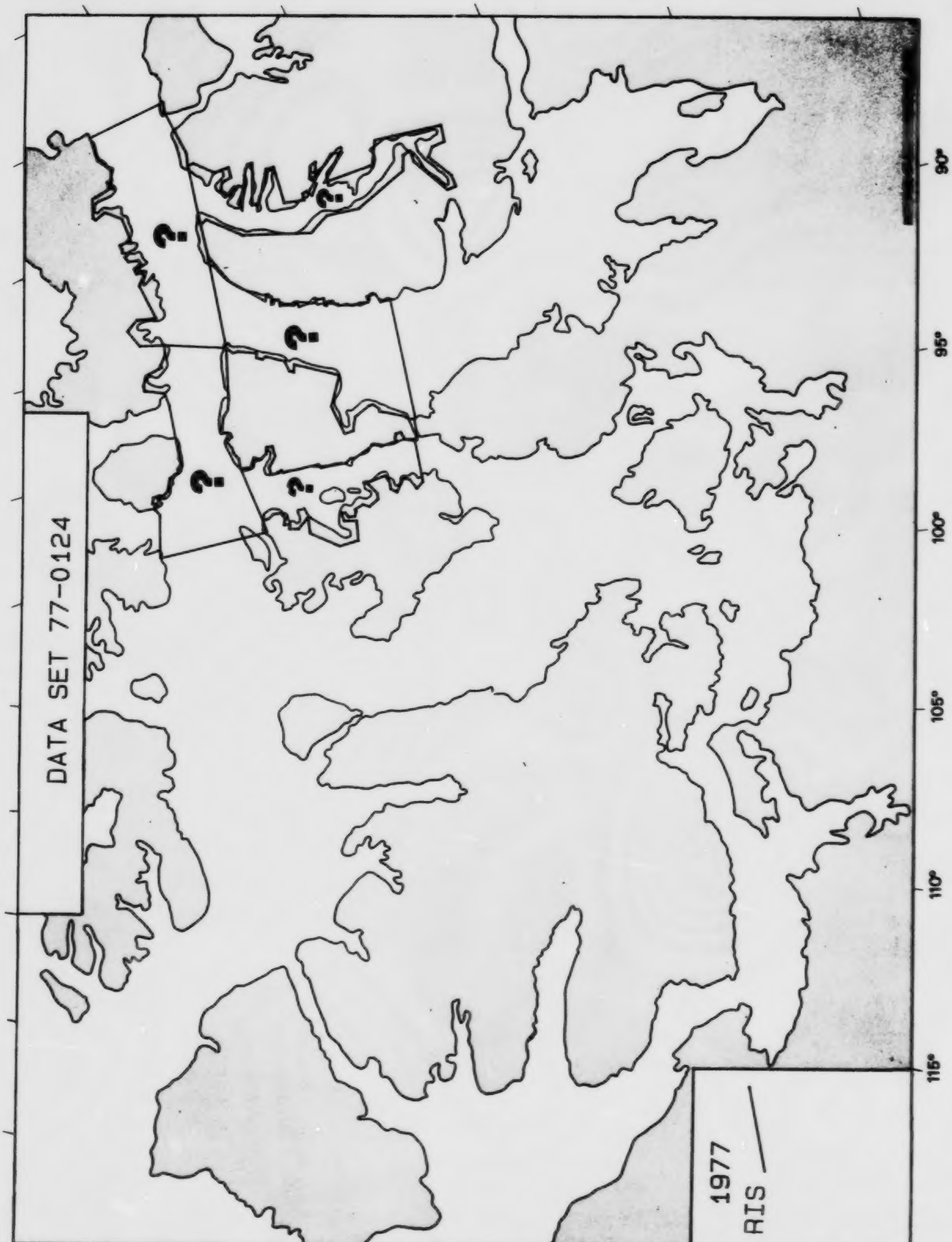
72°
71°


DATA SET 77-0124
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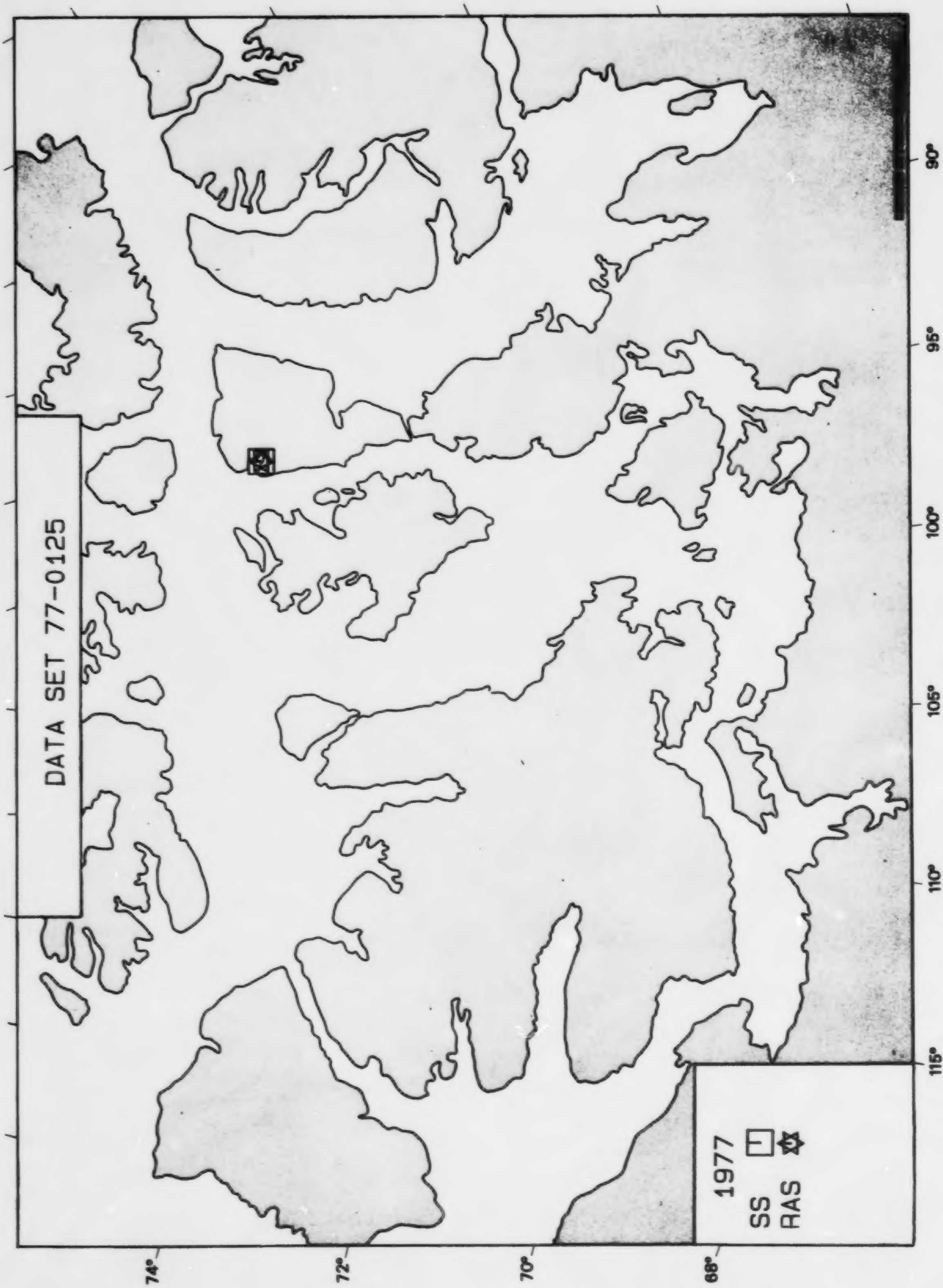
68°


DATA SET 77-0125
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SS
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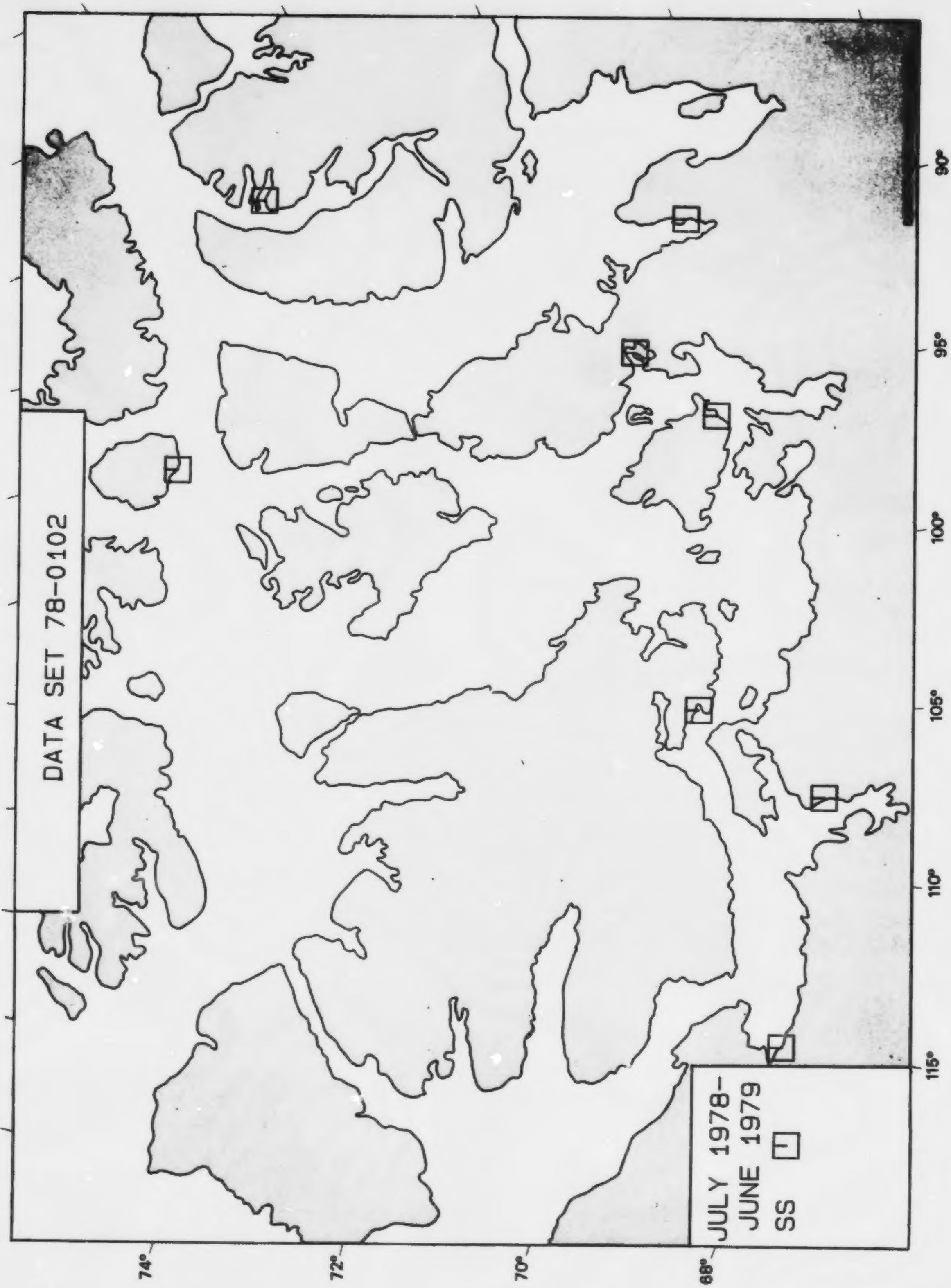
105°
110°
115°


DATA SET 78-0102
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JUNE 1979
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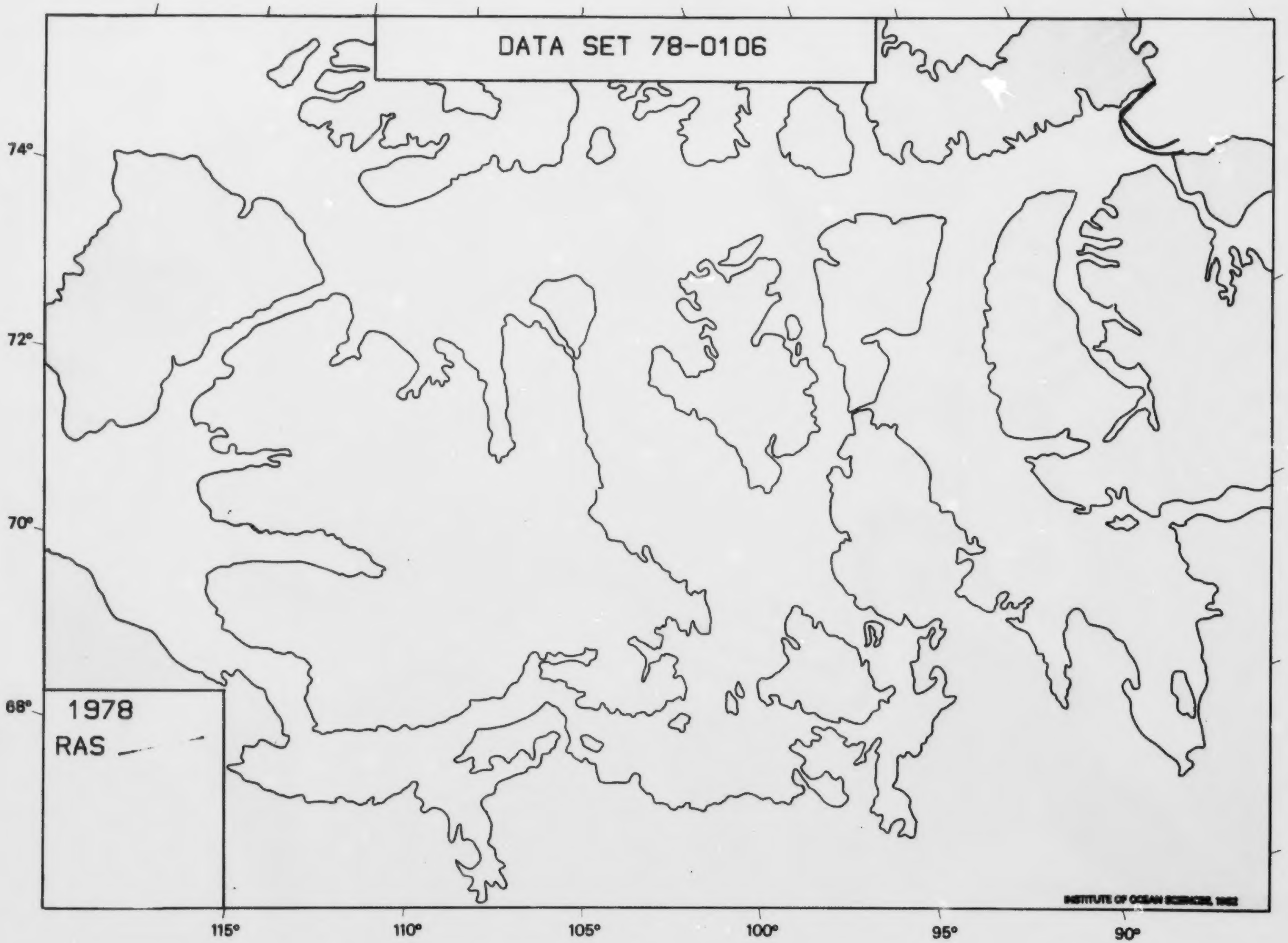
115°


DATA SET 78-0106
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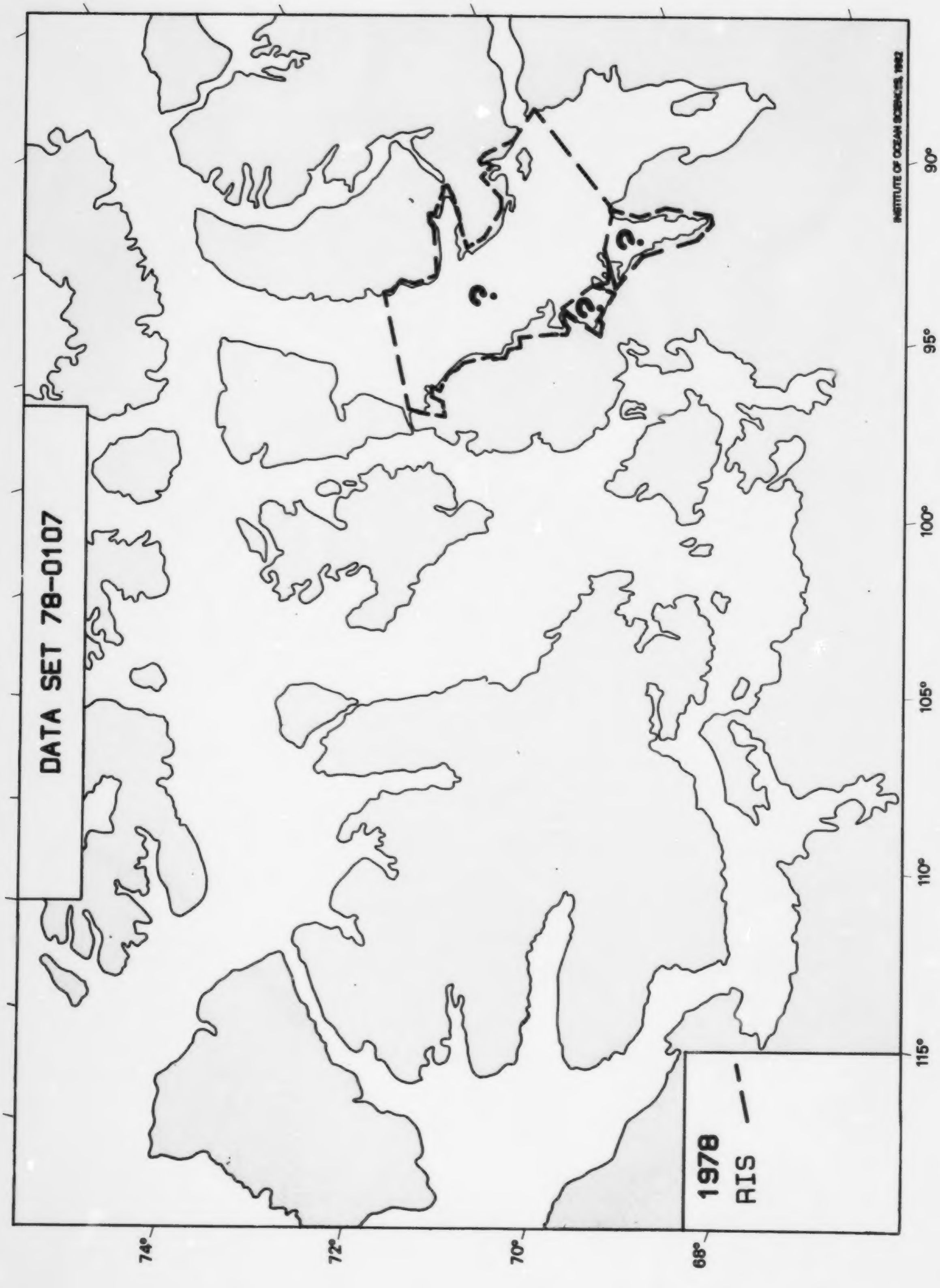
INSTITUTE OF OCEAN SCIENCES, 1982


DATA SET 78-0107
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70°
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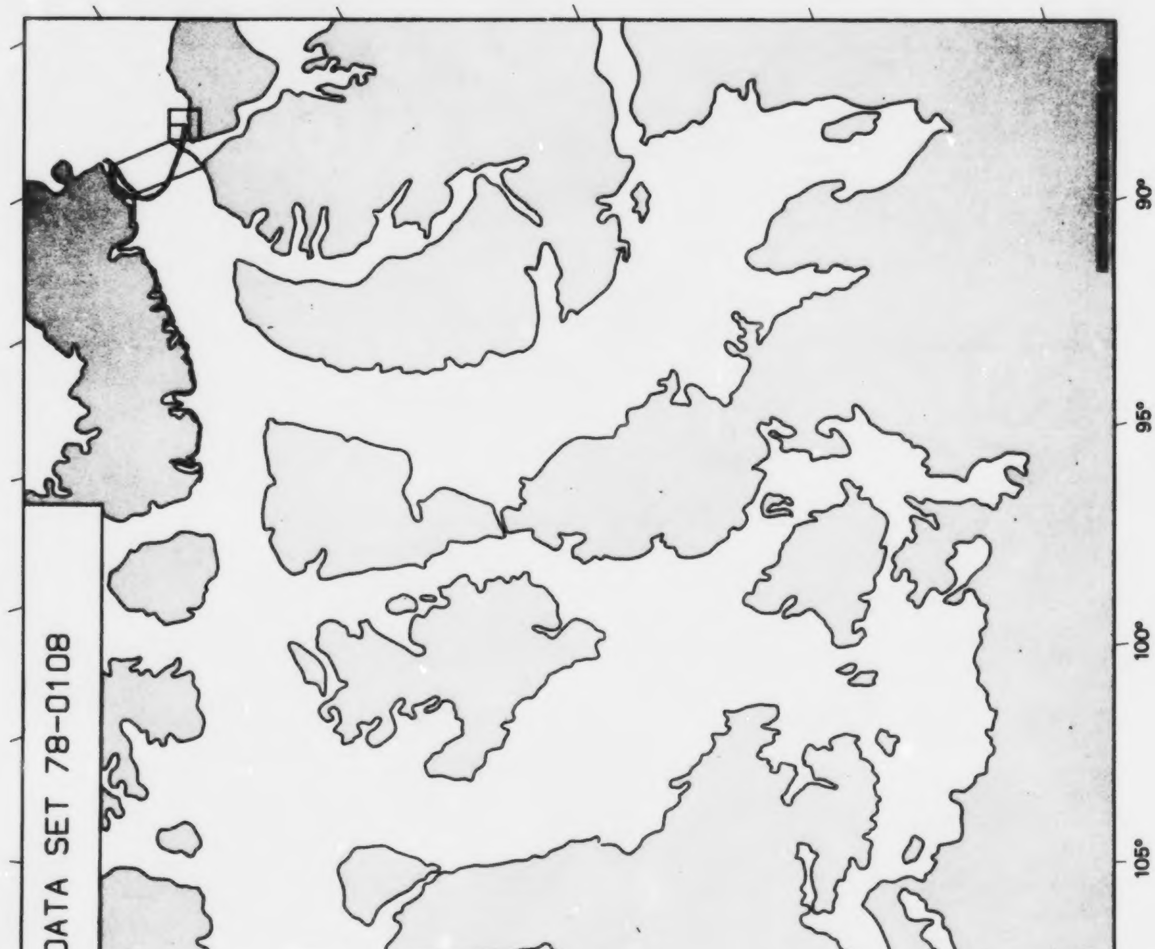
INSTITUTE OF OCEAN SCIENCES, 1982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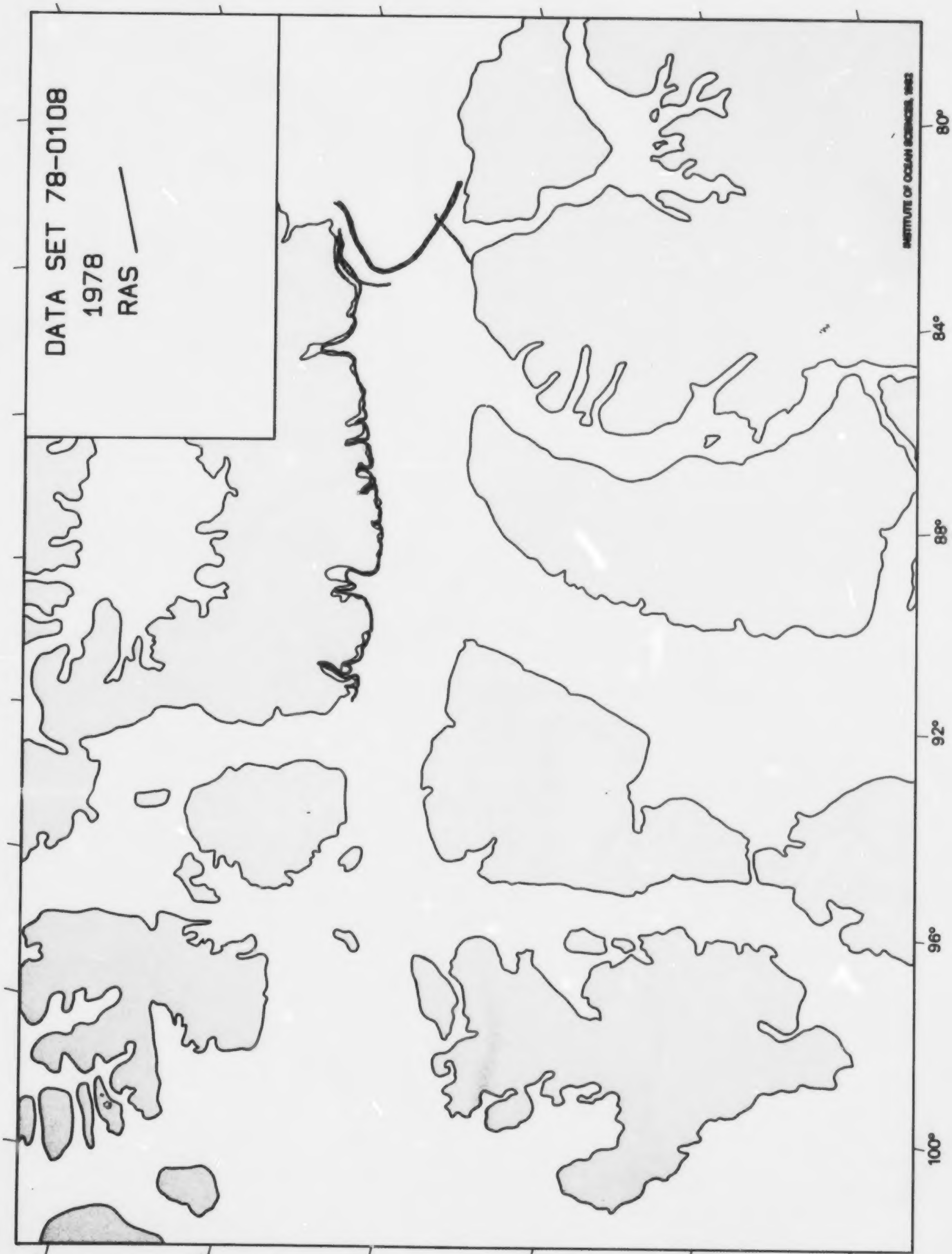
DATA SET 78-0108
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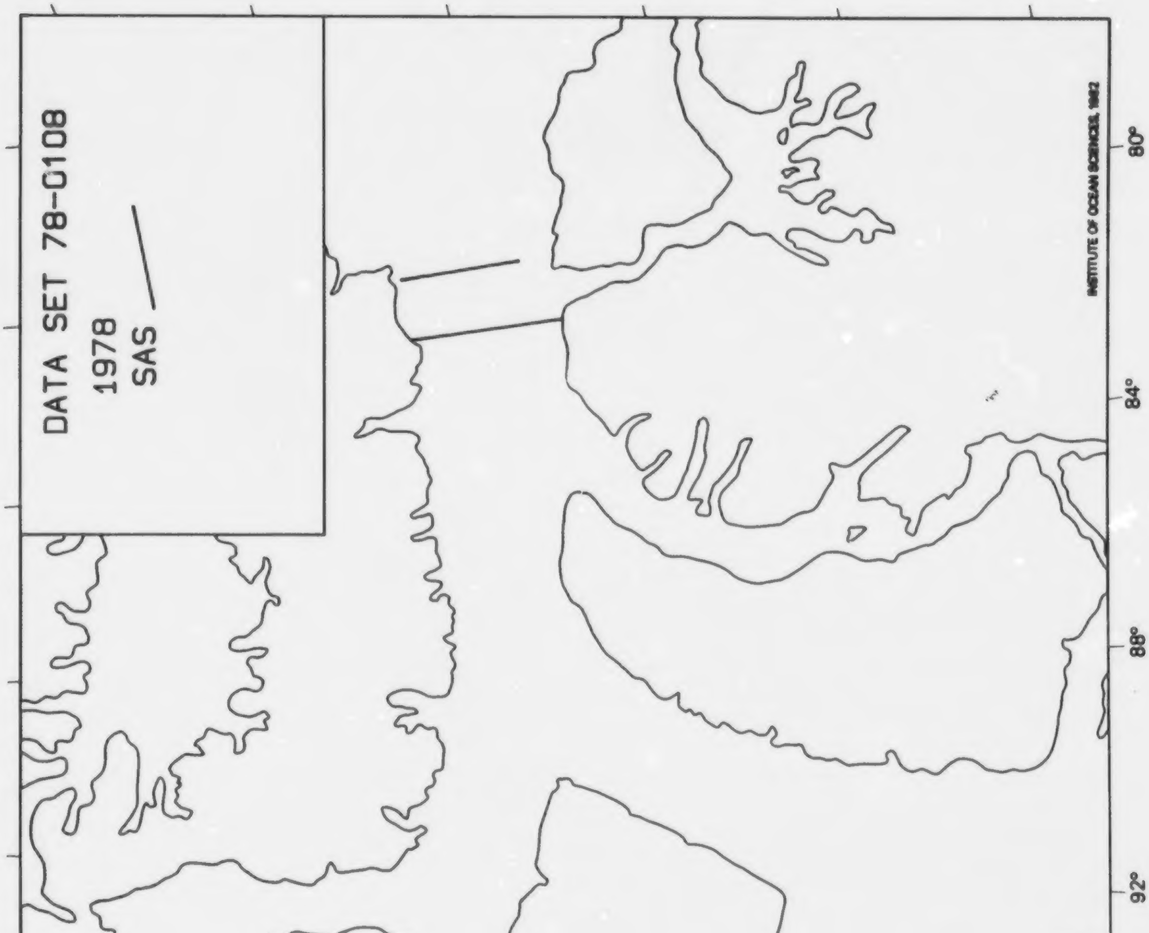
72°
71°


DATA SET 78-0108
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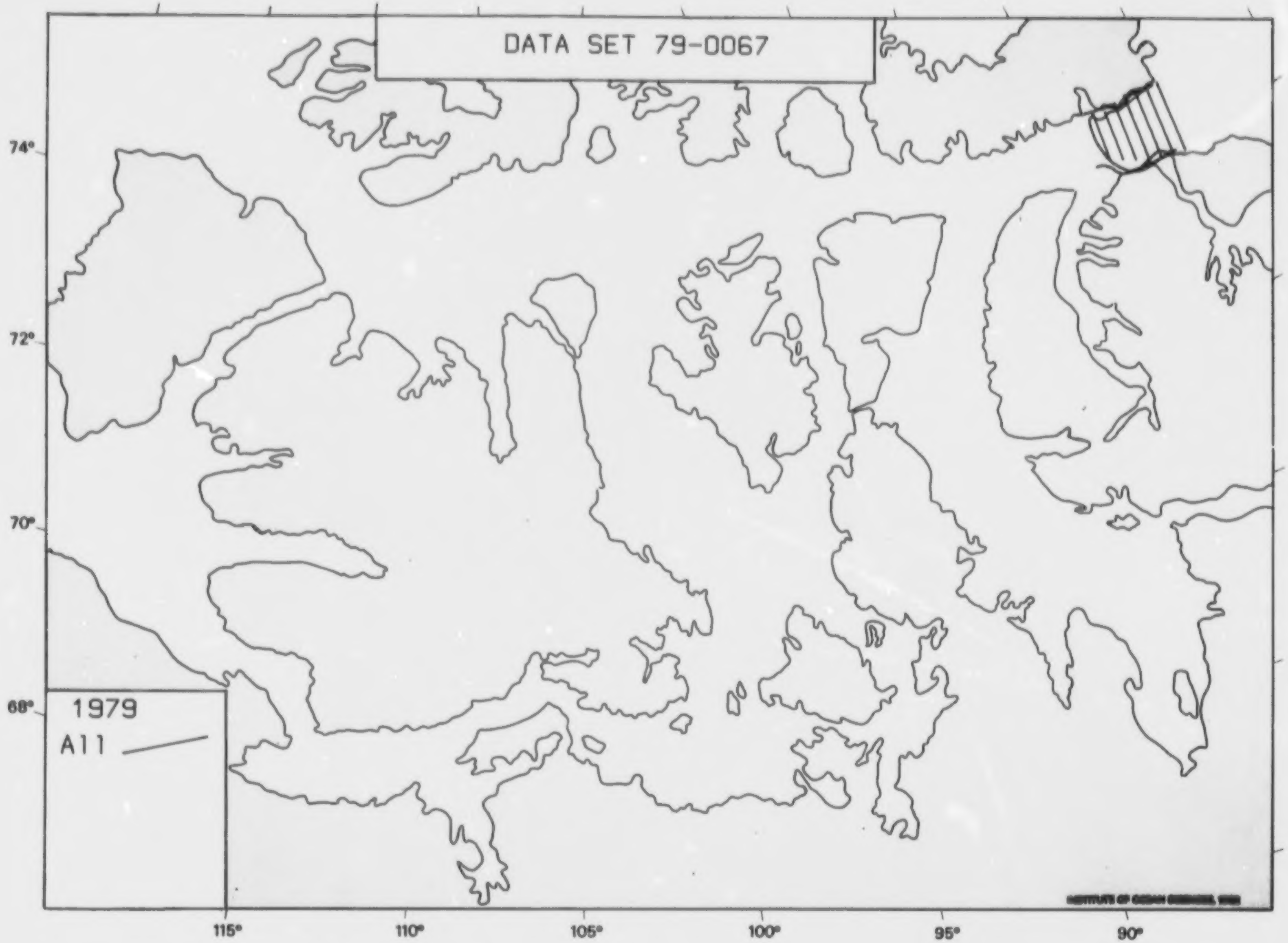
73°
72°
71°


DATA SET 79-0067
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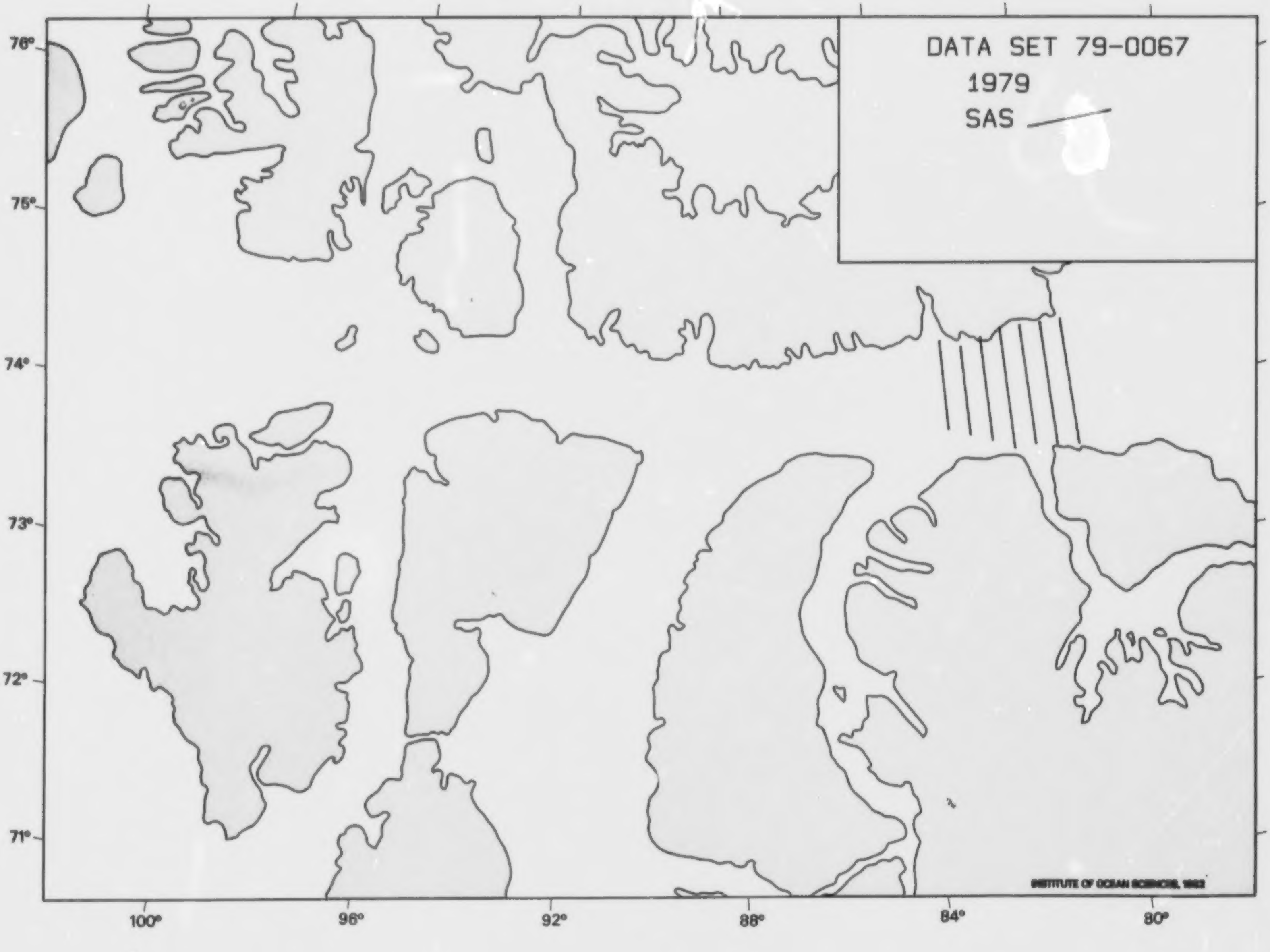
90°
INSTITUTE OF OCEAN SCIENCES


DATA SET 79-0067
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SAS
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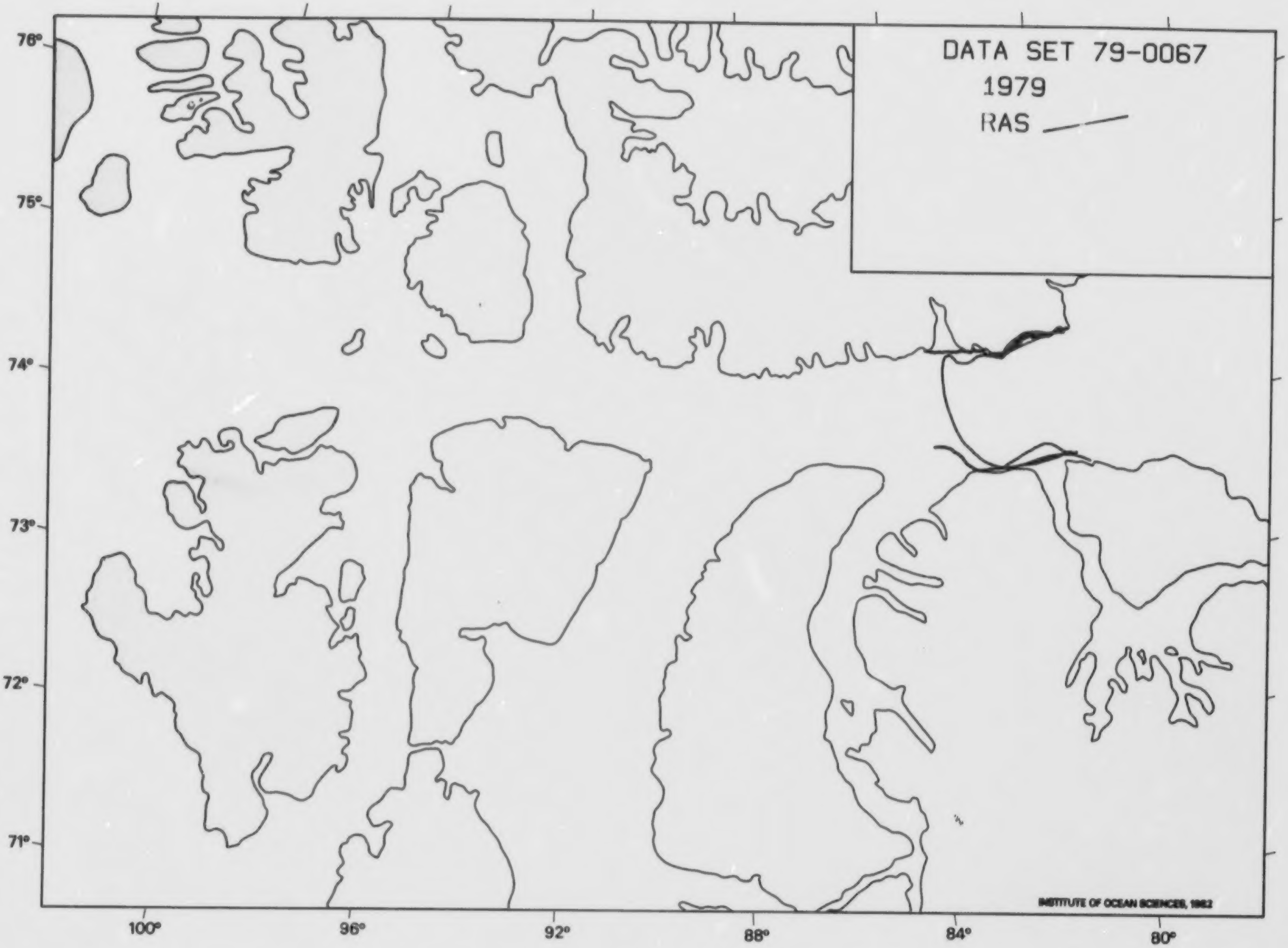
80°
INSTITUTE OF OCEAN SCIENCES, 1982



DATA SET 79-0067
1979
RAS

INSTITUTE OF OCEAN SCIENCES, 1982

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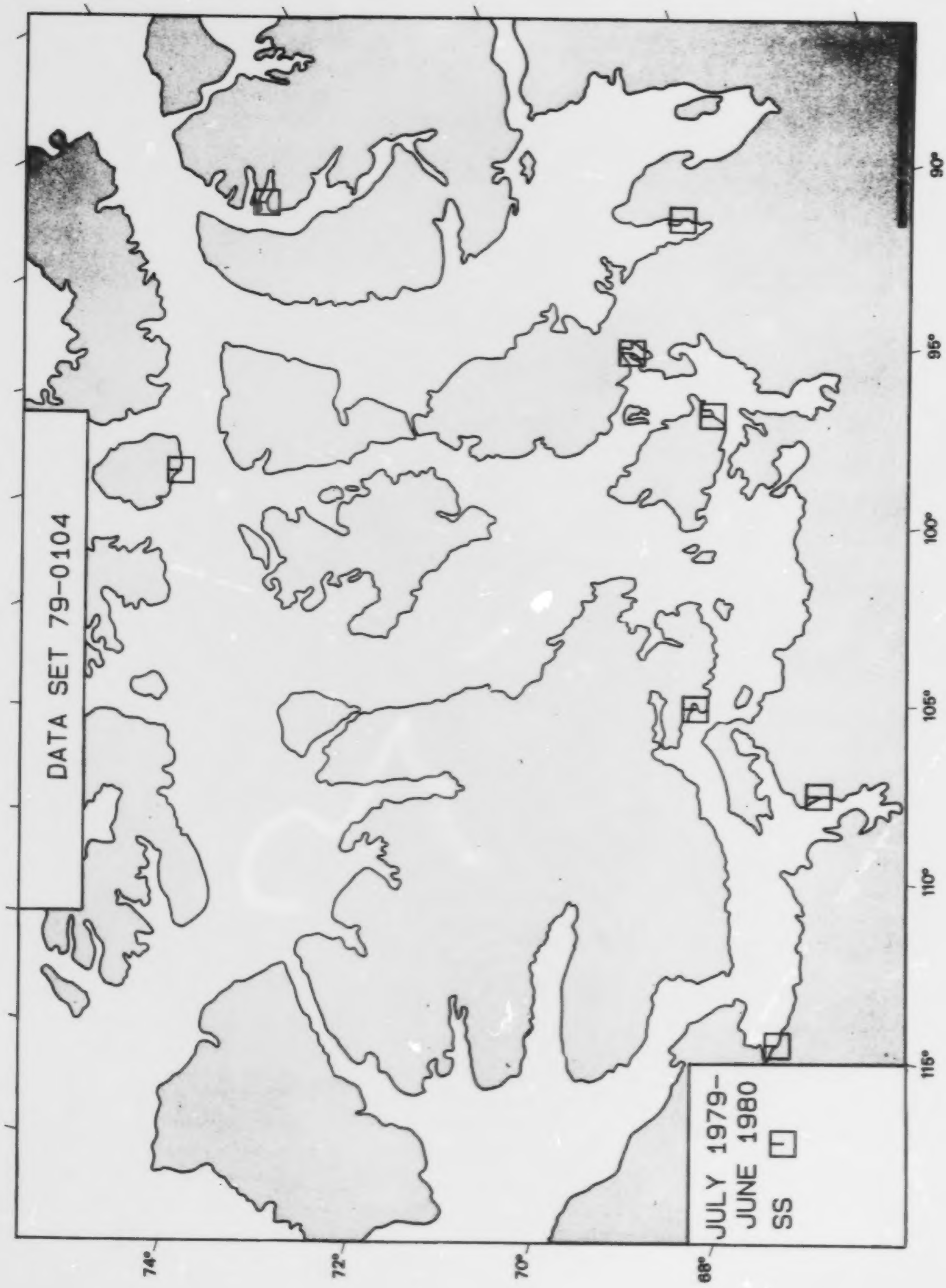
80°


DATA SET 79-0104
JULY 1979-
JUNE 1980
SS
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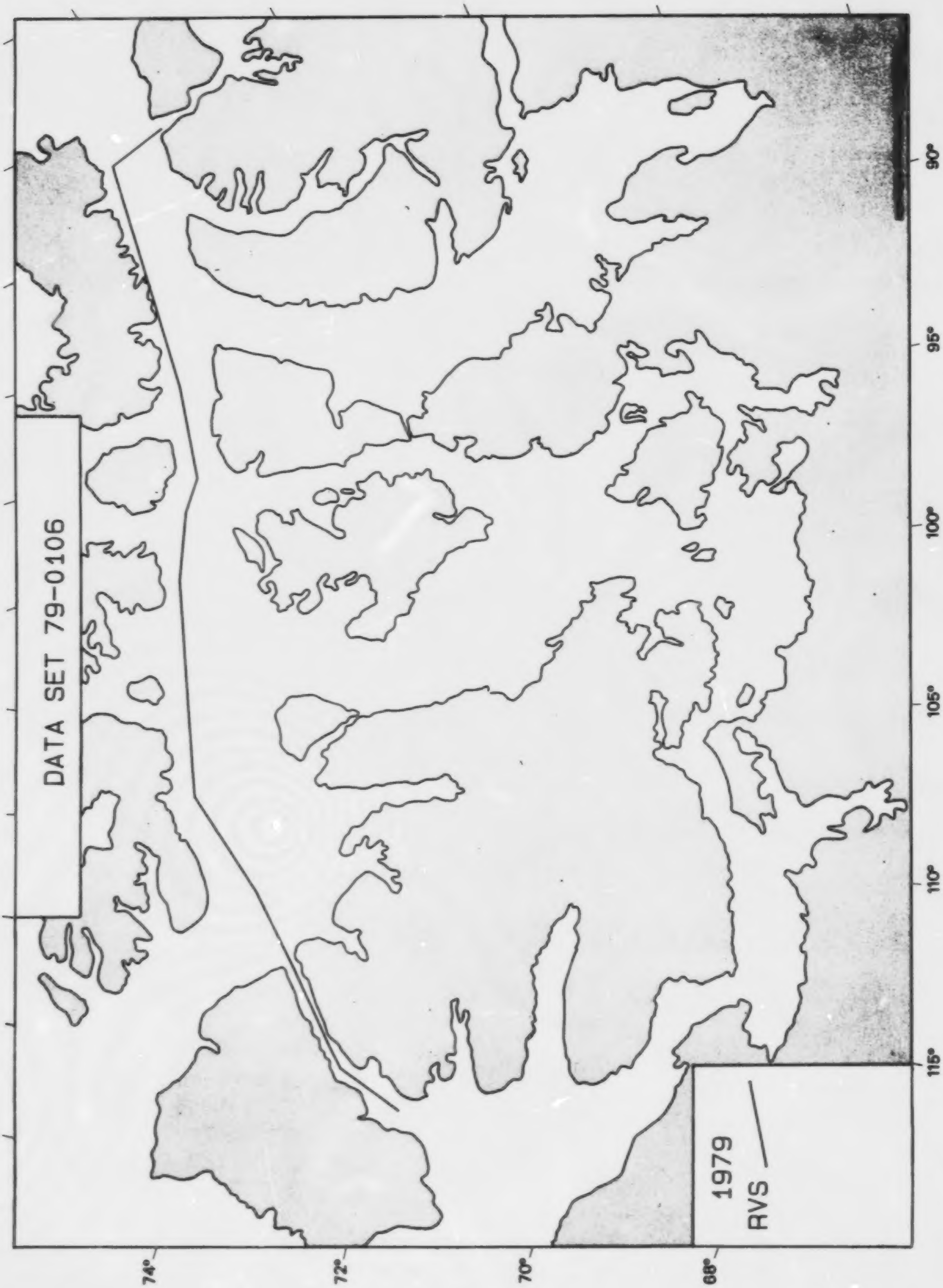
68°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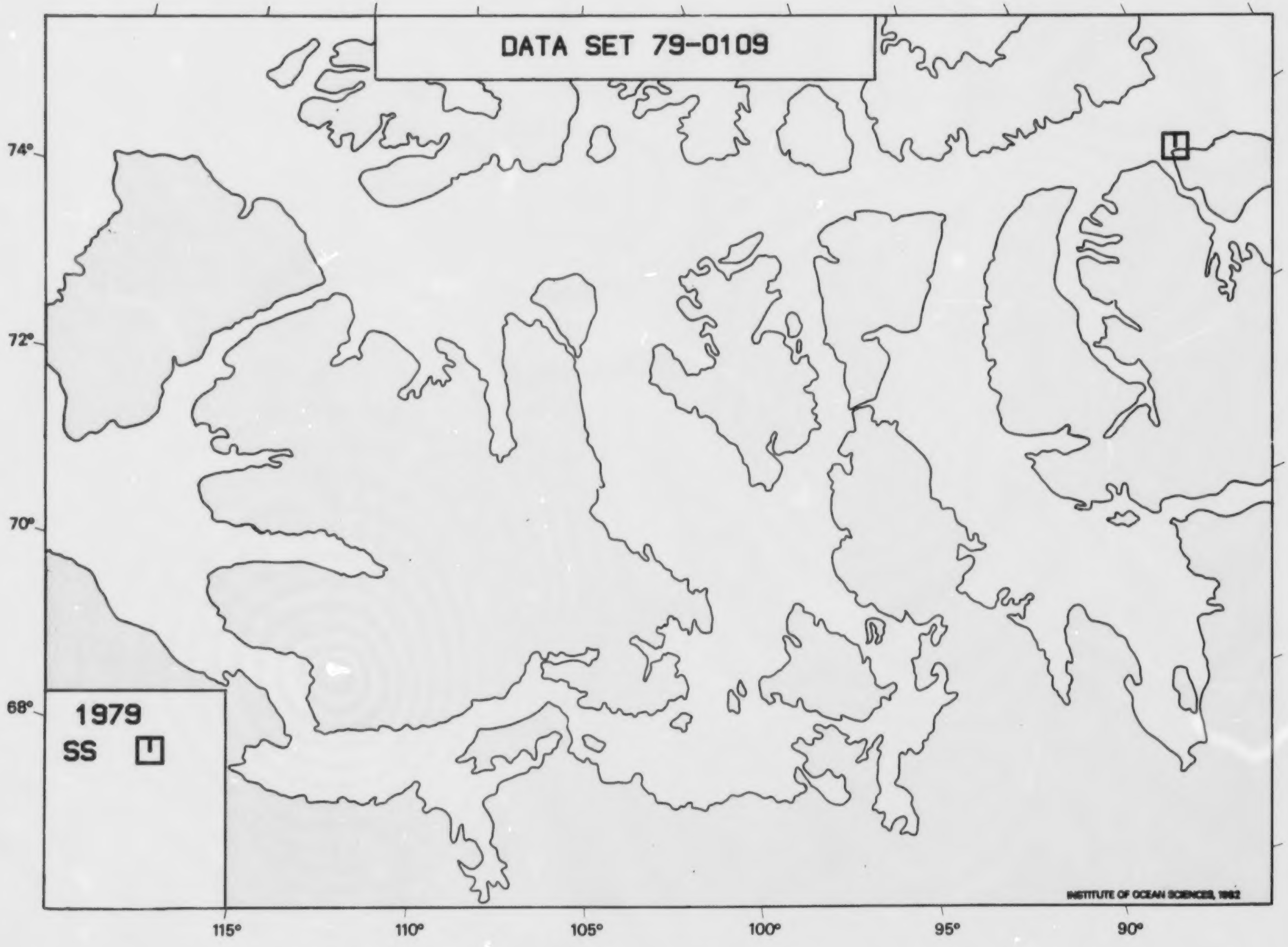
DATA SET 79-0109
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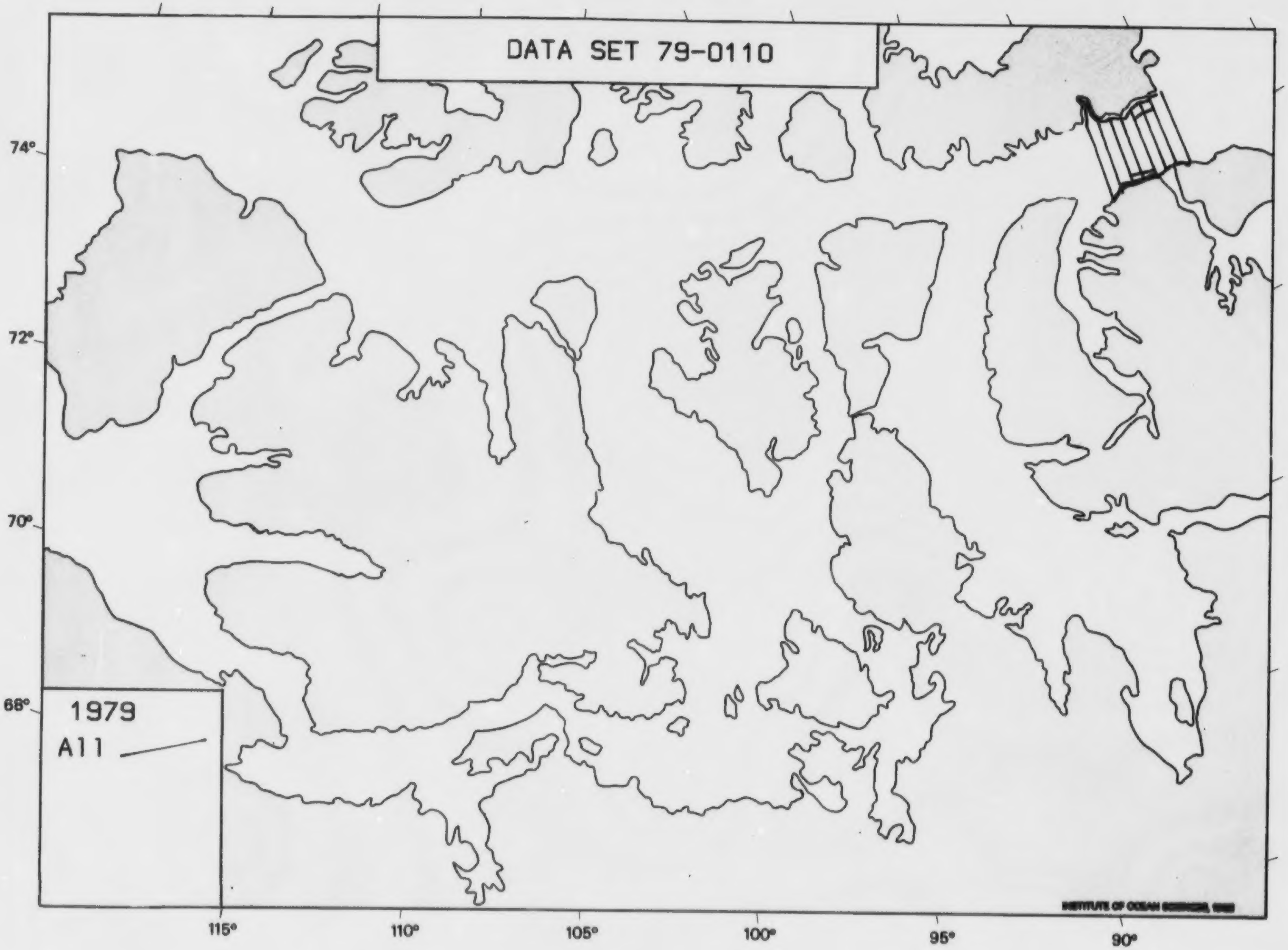
INSTITUTE OF OCEAN SCIENCES, 1982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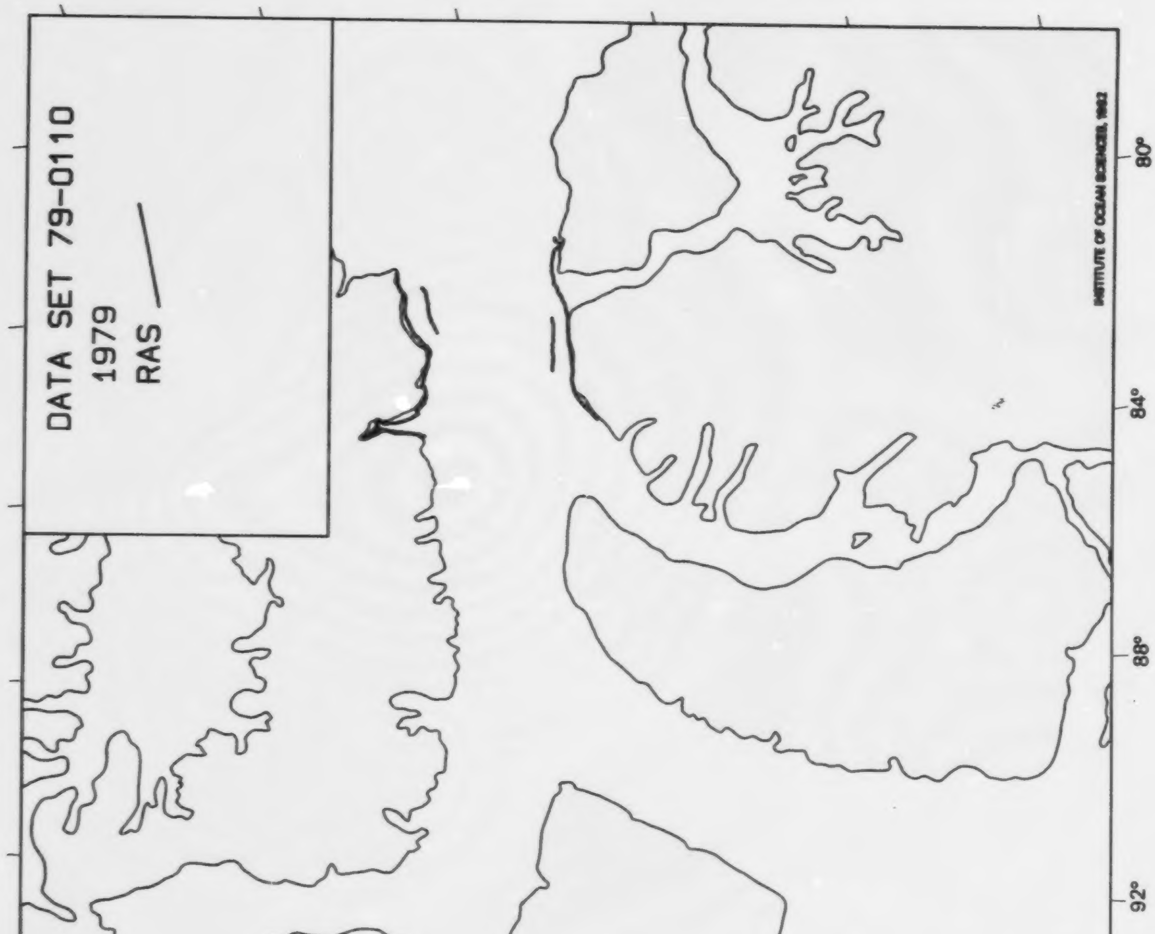
INSTITUTE OF OCEAN SCIENCES, [illegible]


DATA SET 79-0110
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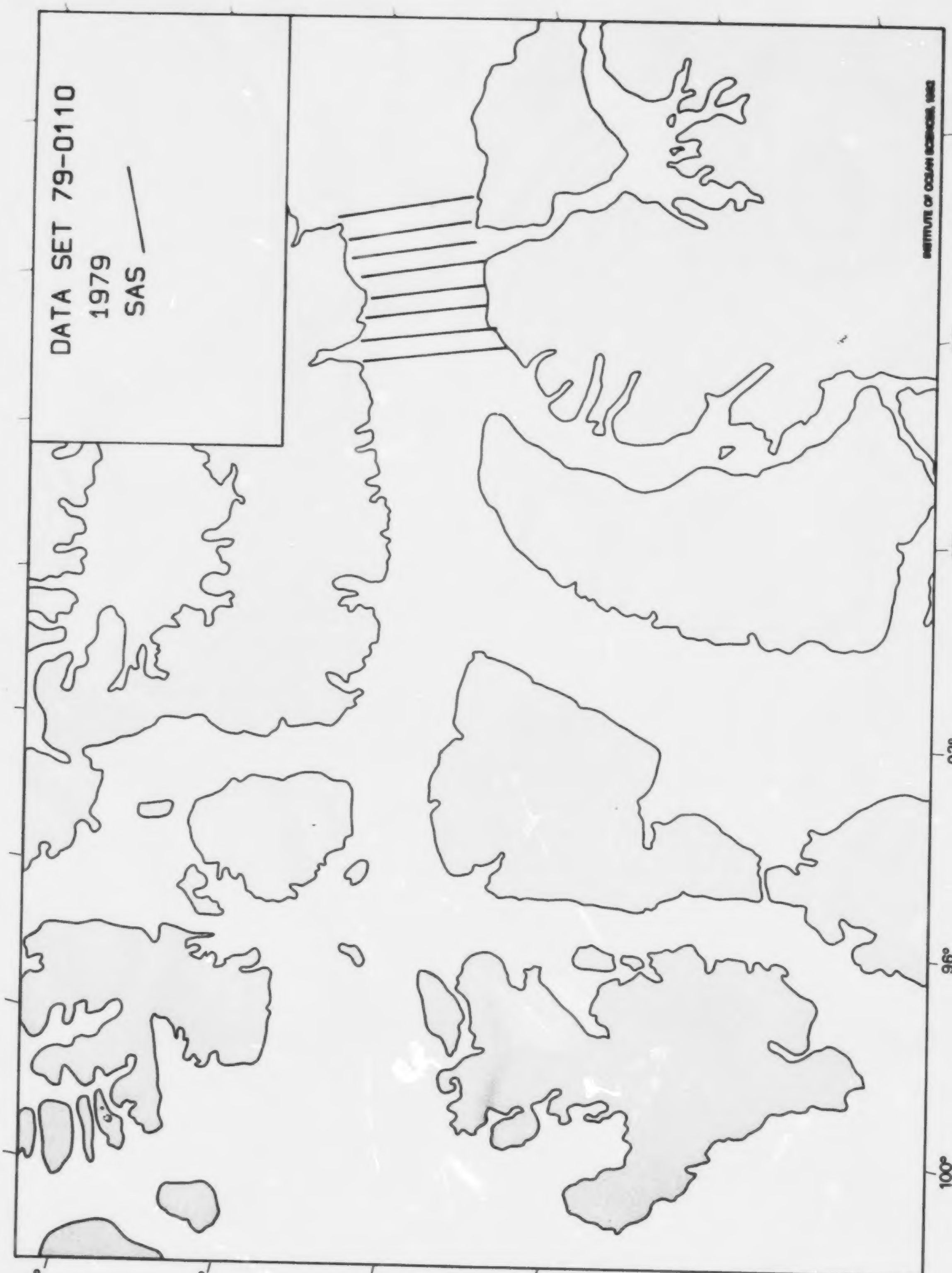
DATA SET 79-0110
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SAS
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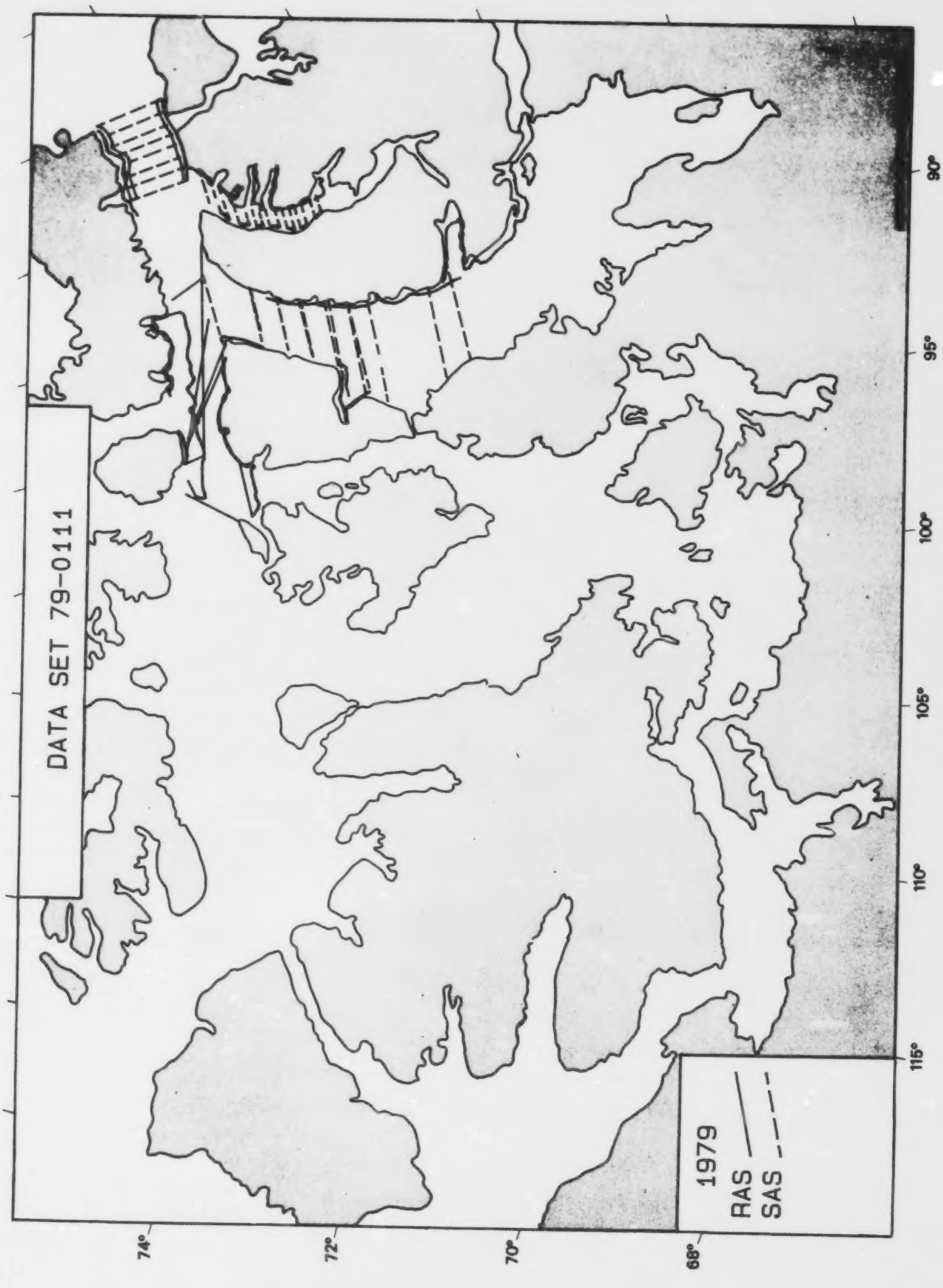
71°


DATA SET 79-0111
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SAS – – –
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72°
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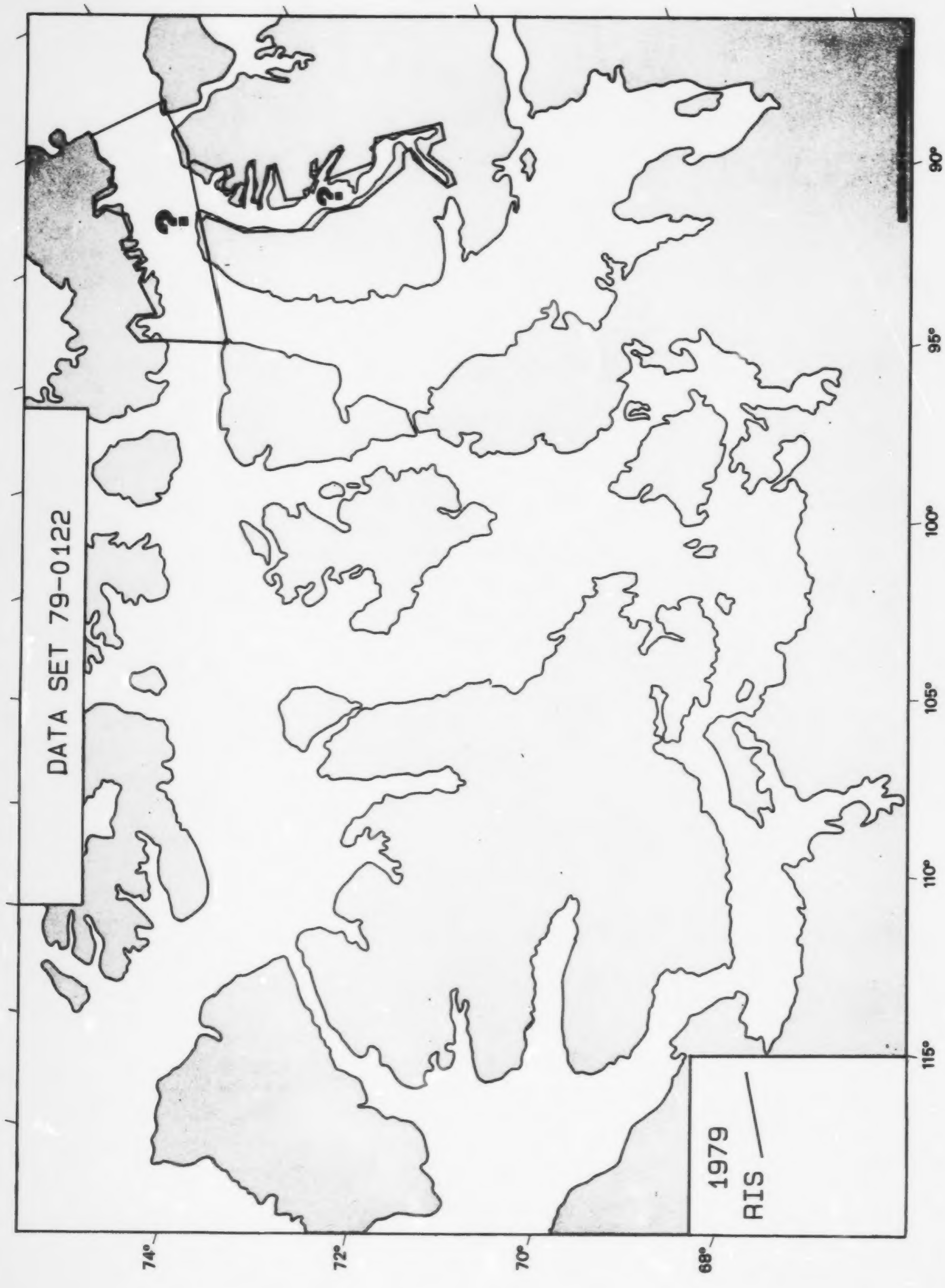
68°


DATA SET 79-0122
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RIS
?
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74°
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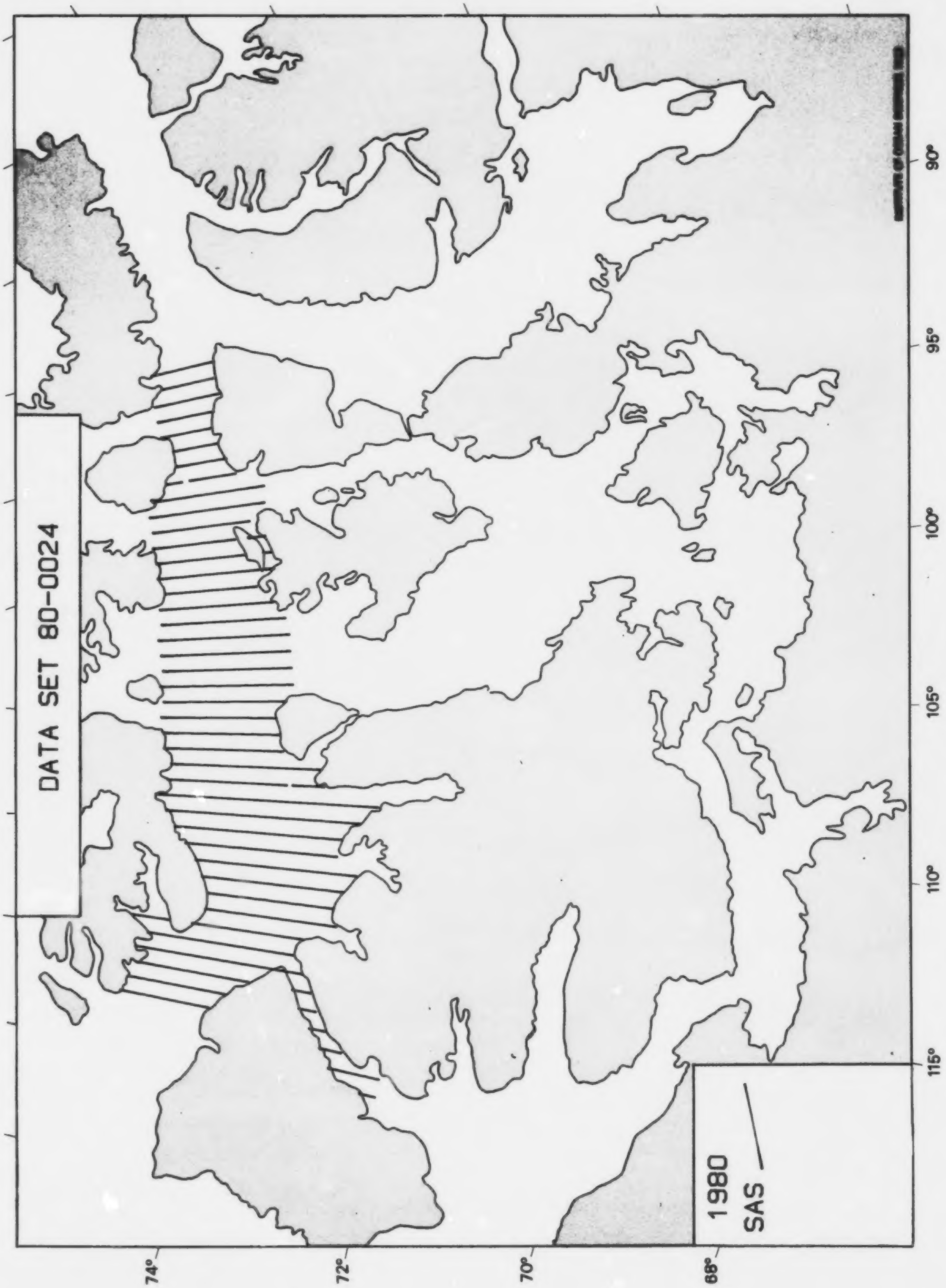
68°


DATA SET 80-0024
1980
SAS
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90°
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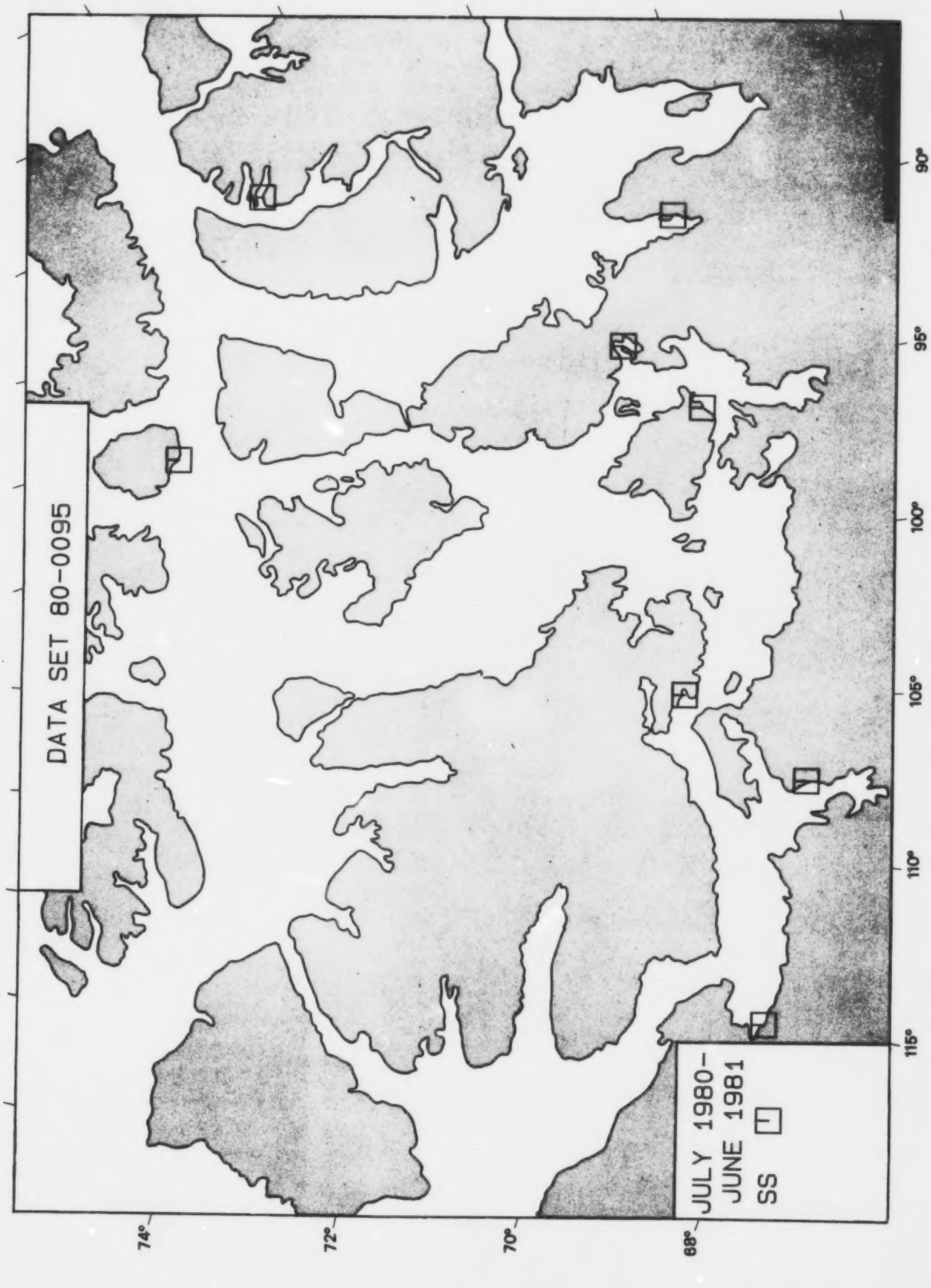
115°


DATA SET 80-0095
JULY 1980–
JUNE 1981
SS ☐
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90°
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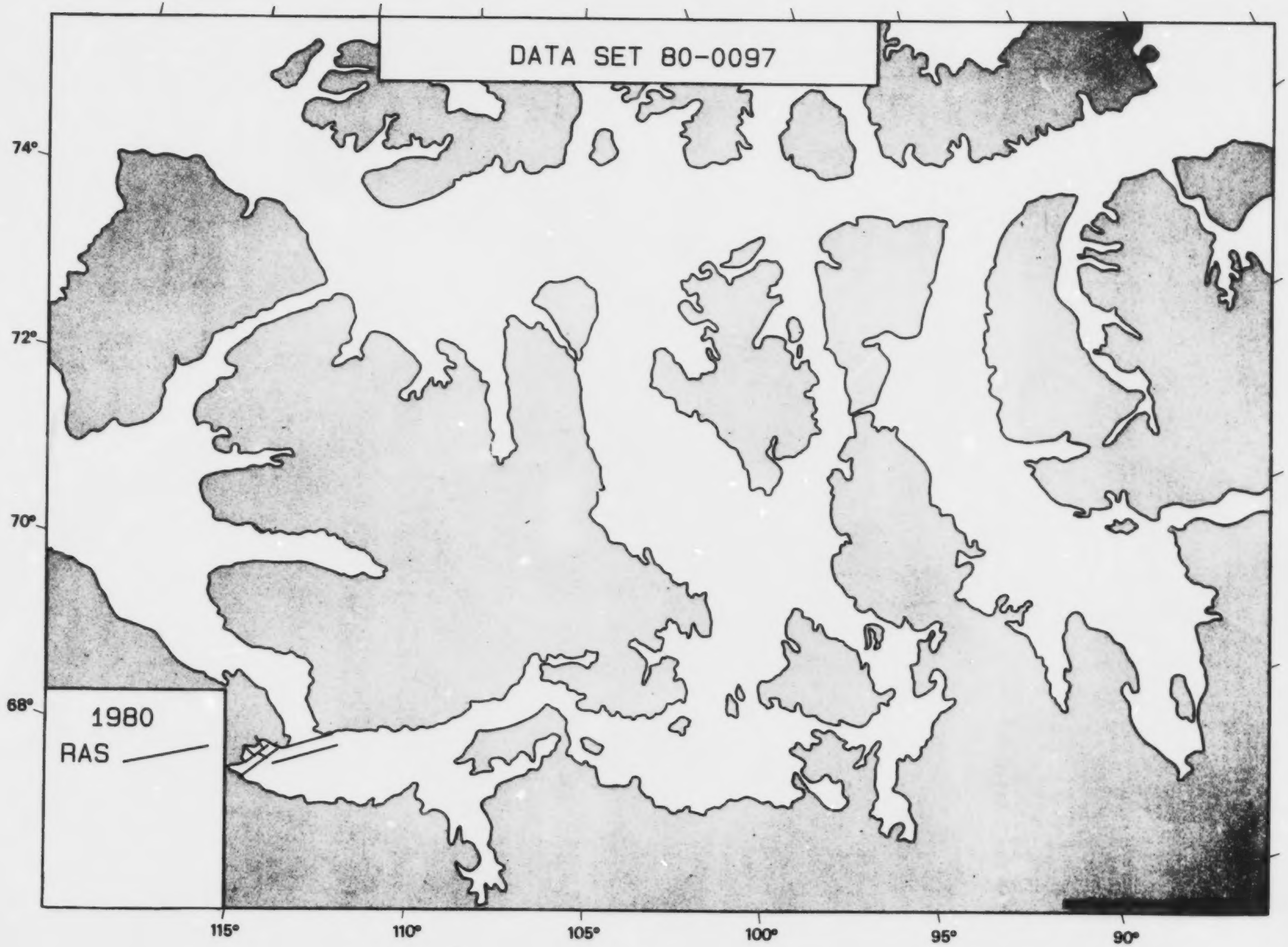
105°
110°
115°


DATA SET 80-0097
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RAS
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115°
110°
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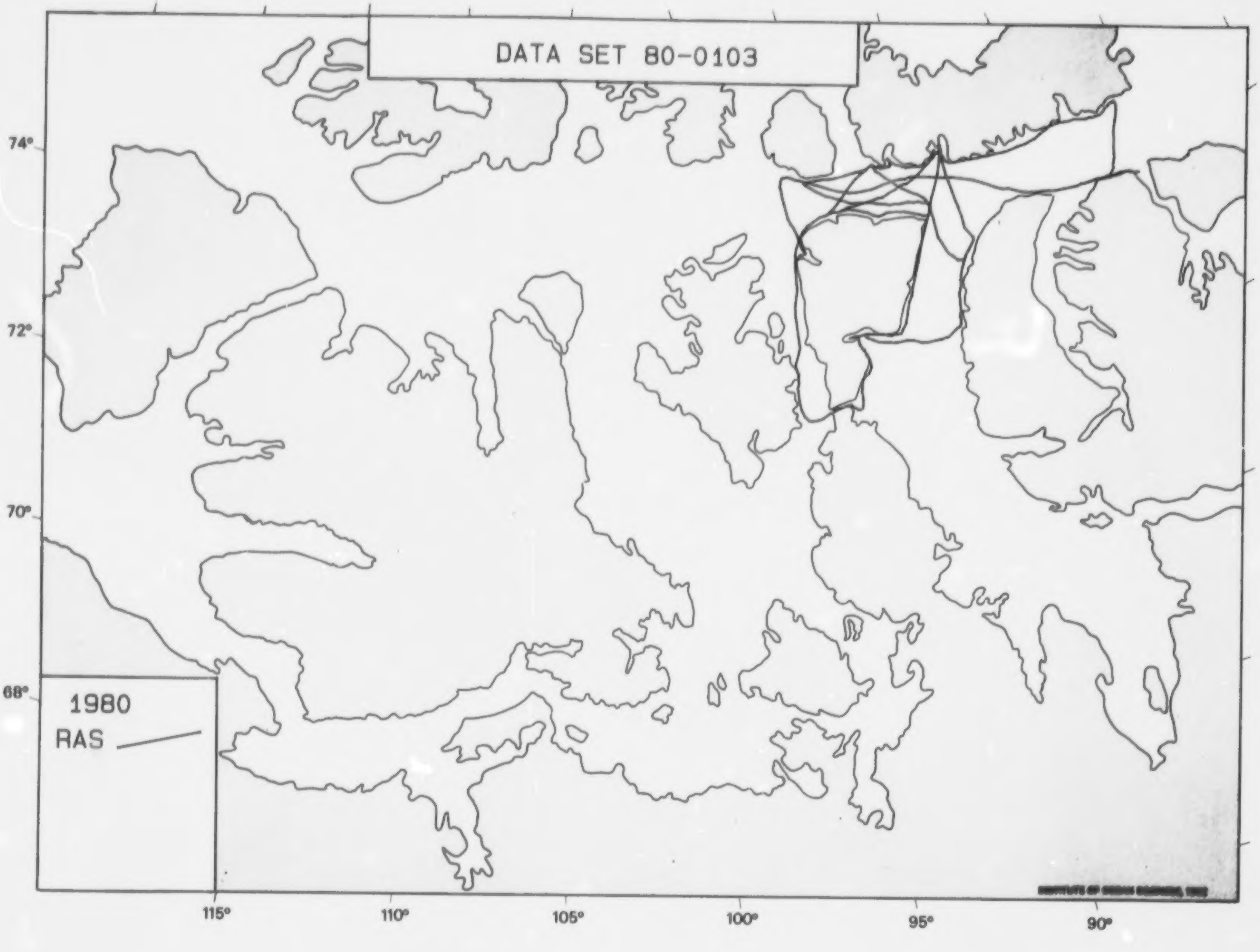
100°
95°
90°


DATA SET 80-0103
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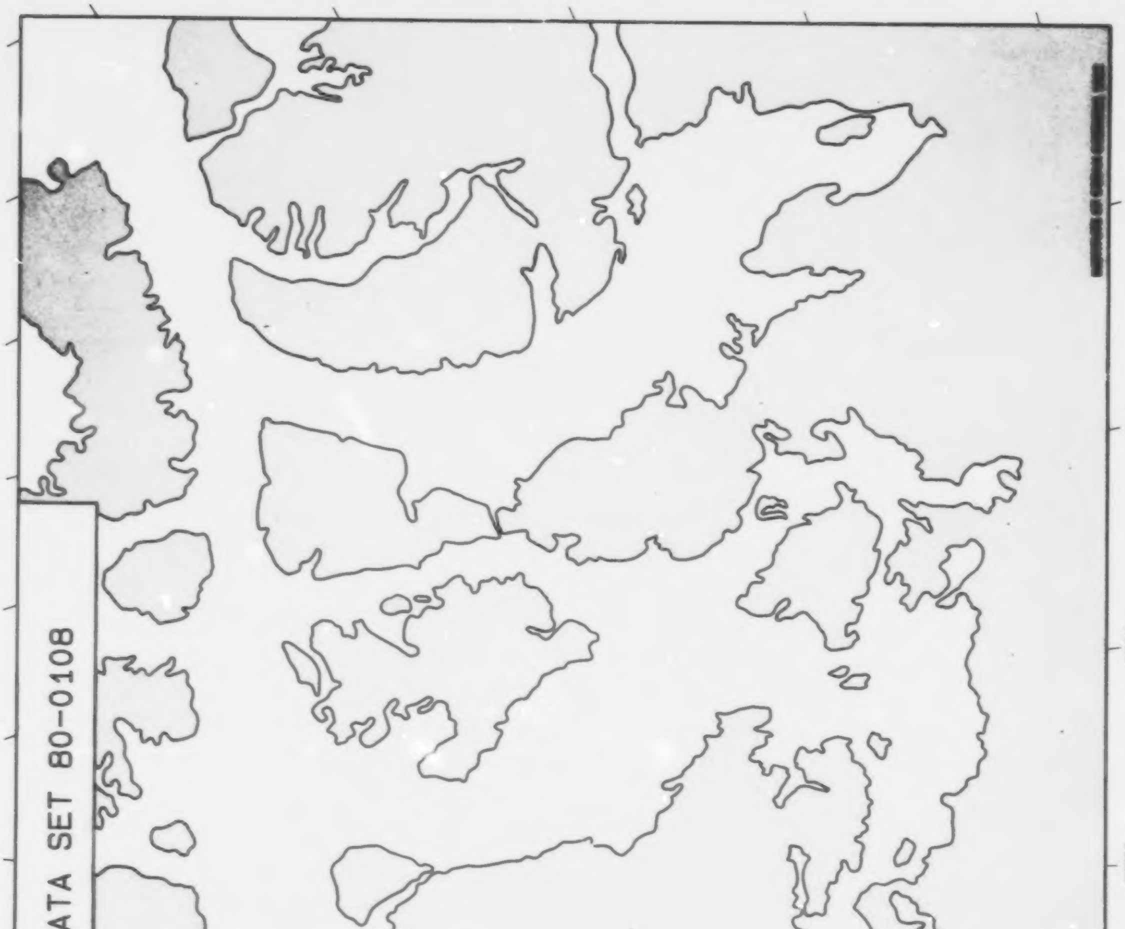
72°
70°
68°
1980
RAS
115°
110°
105°
100°
95°
90°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RIS ✡
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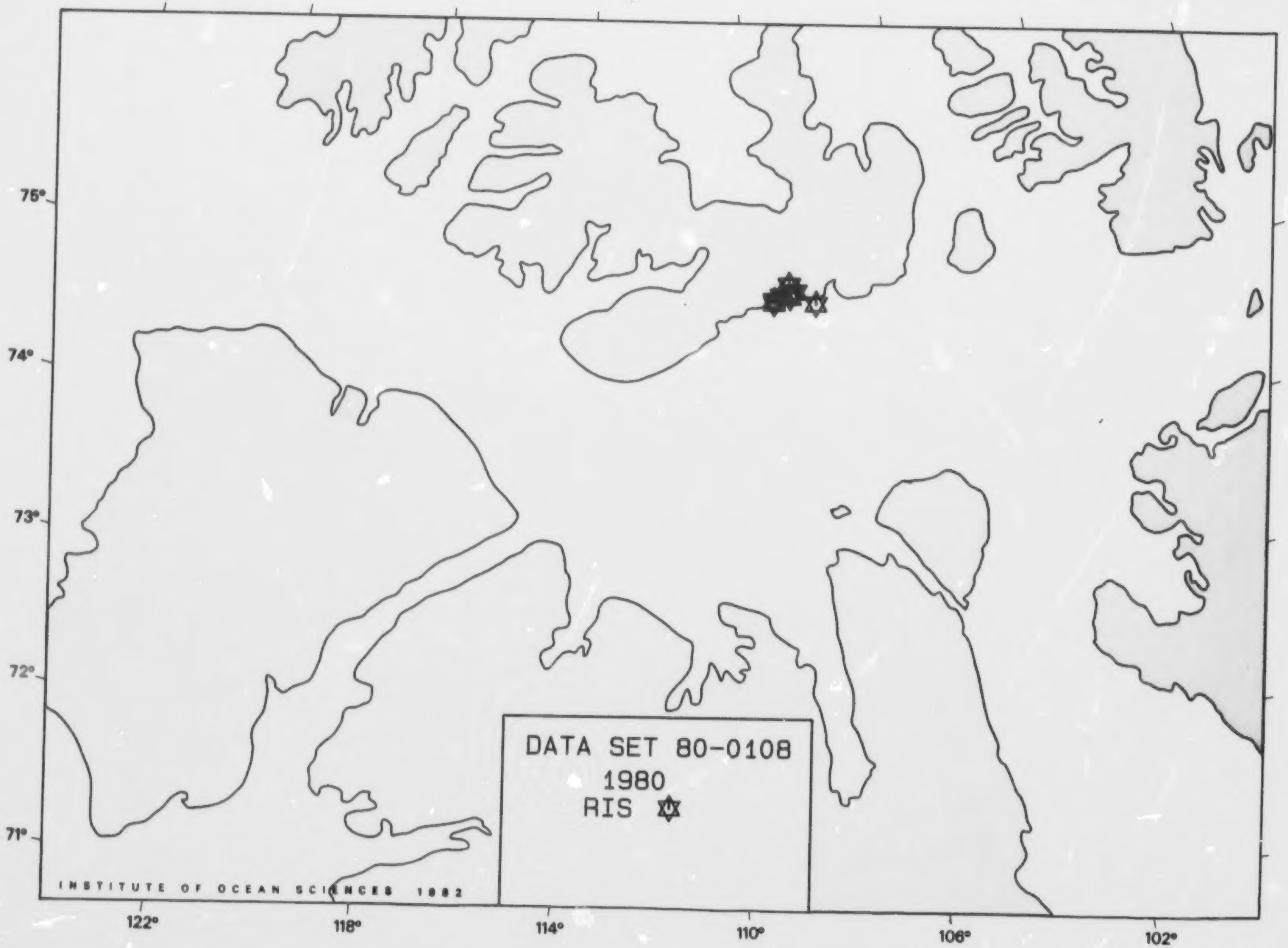
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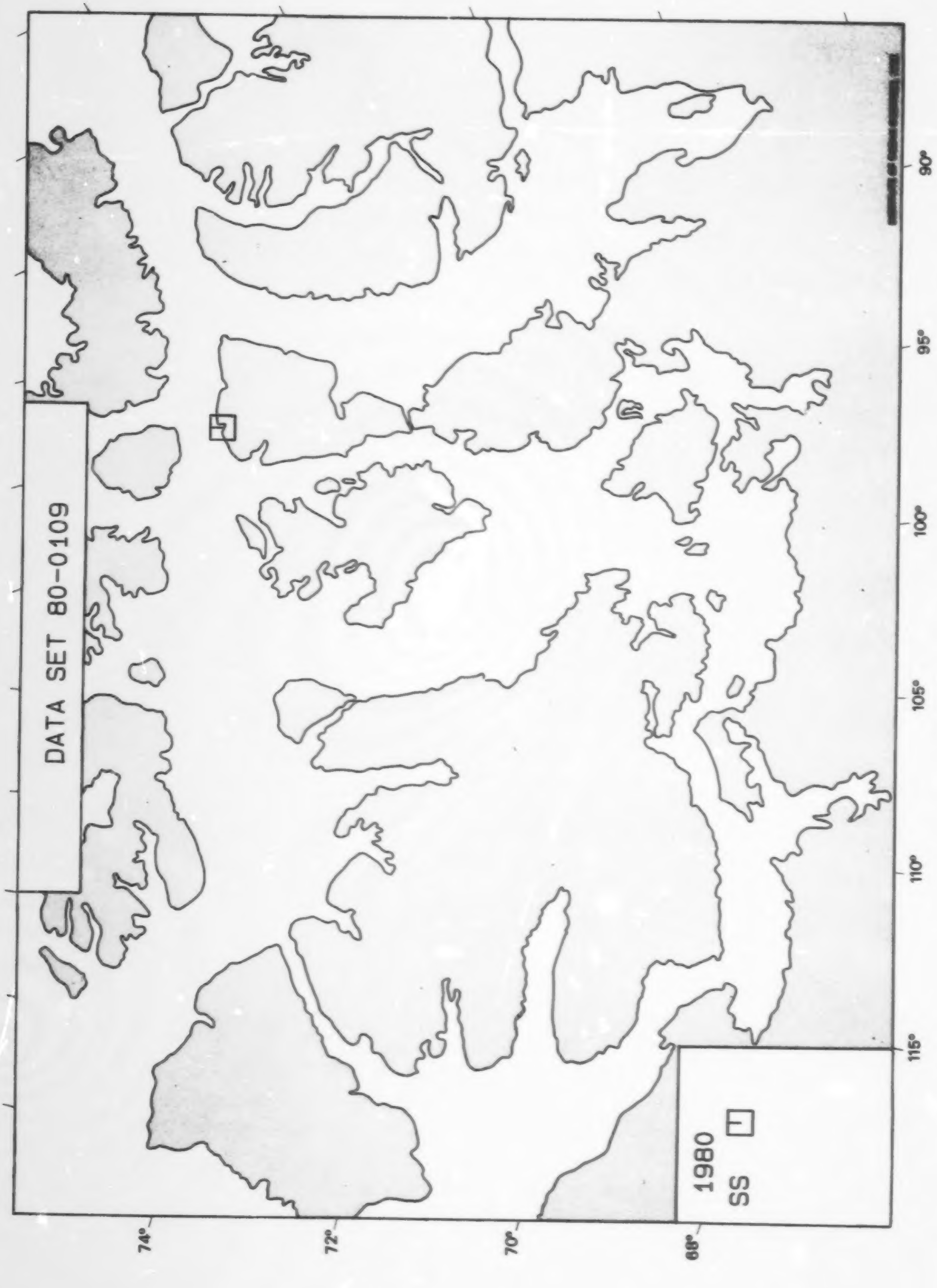
RIS ✡
INSTITUTE OF OCEAN SCIENCES 1982
75°
74°
73°
72°
71°
122°
118°
114°
110°
106°
102°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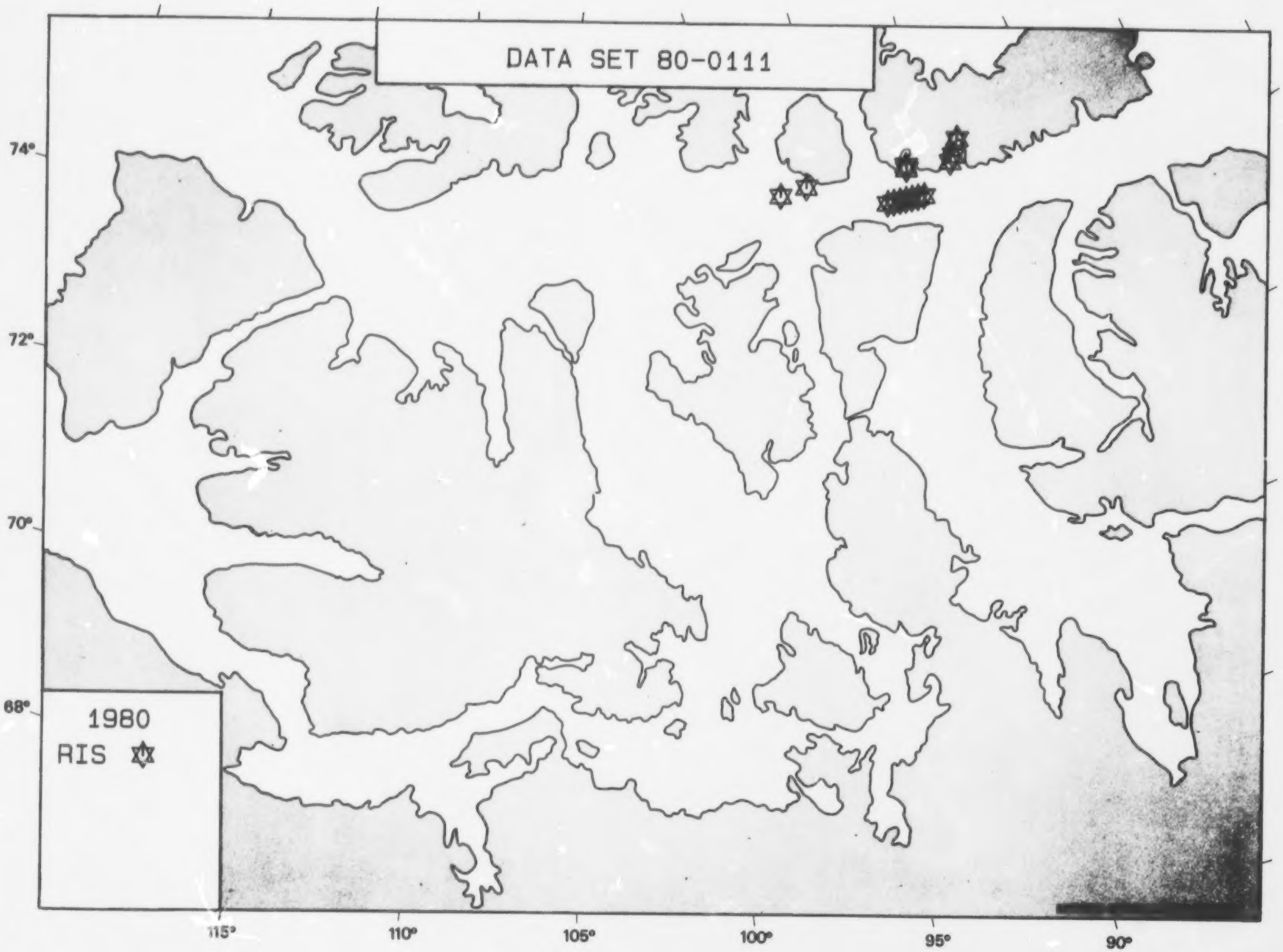
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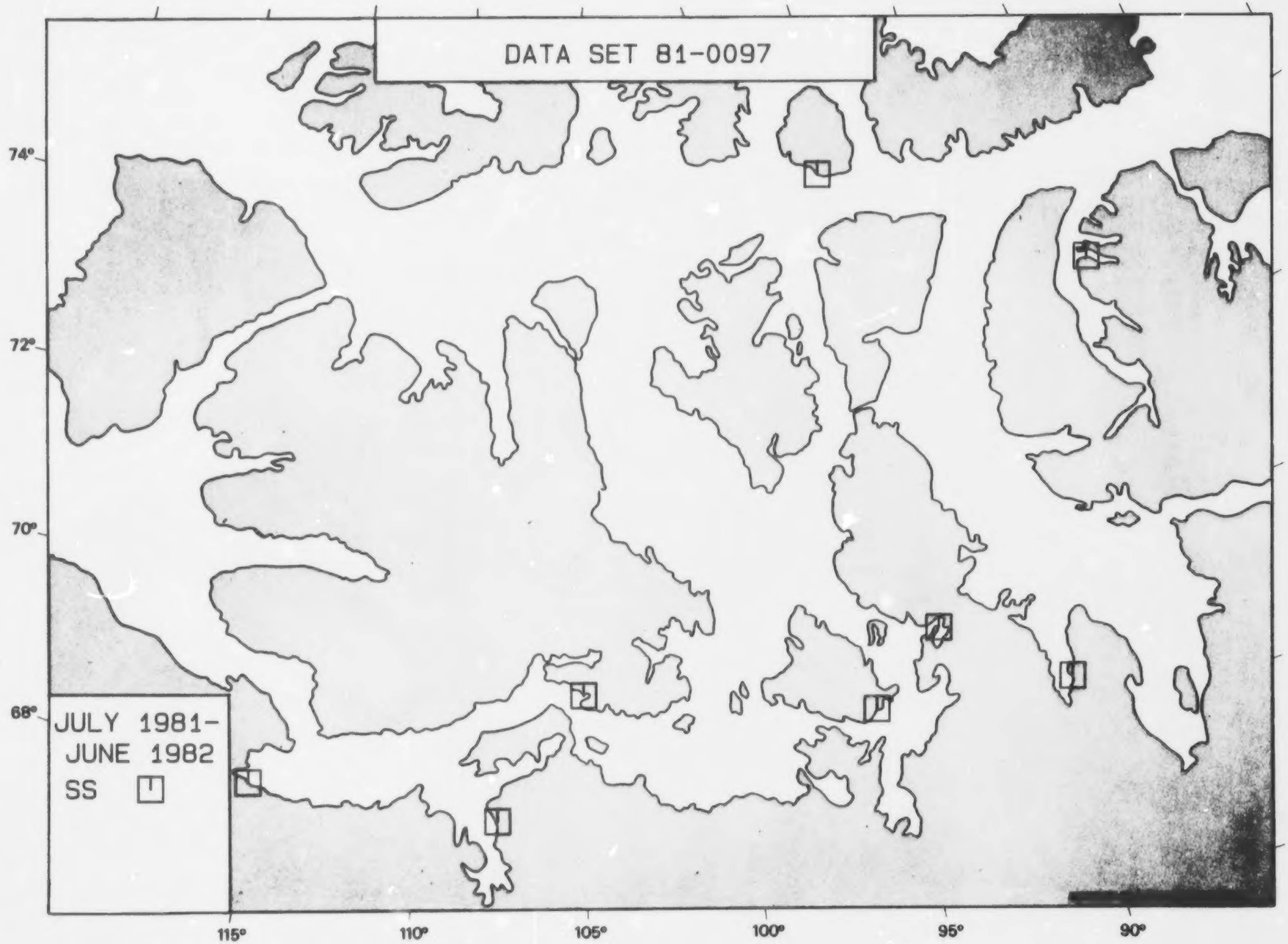
100°
95°
90°
1980
RIS ✡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JULY 1981-
JUNE 1982
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68°
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105°
100°
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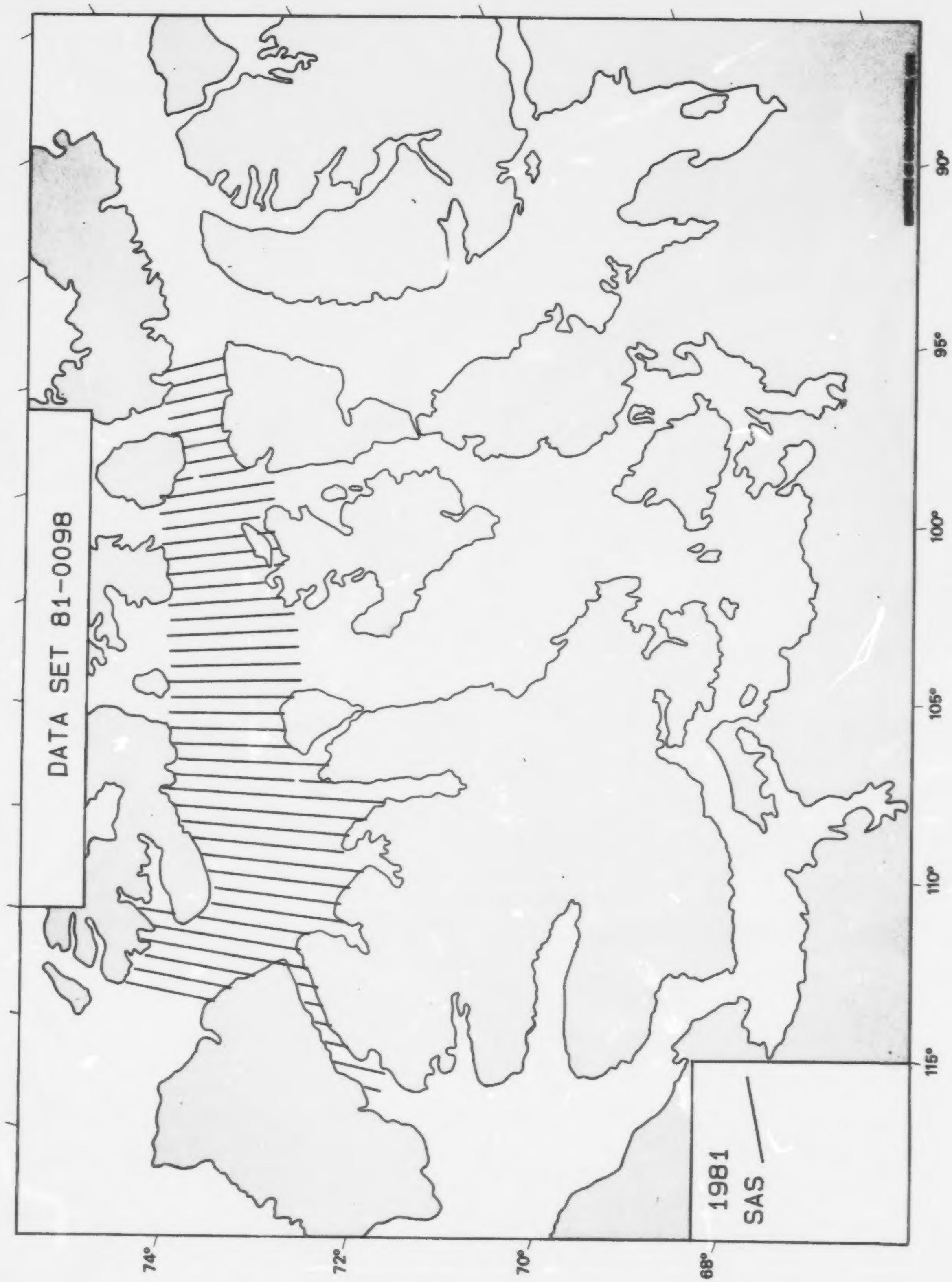
90°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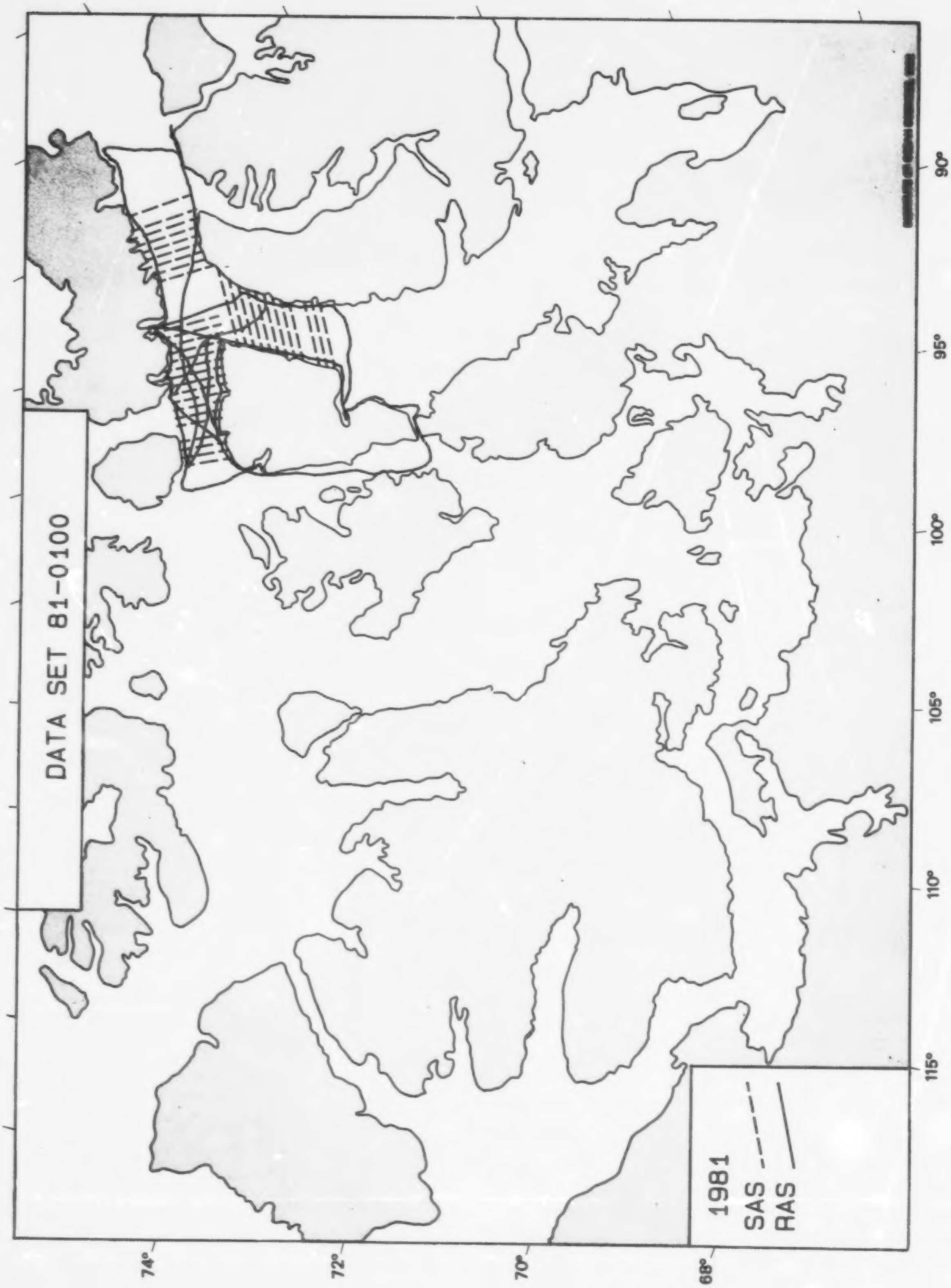
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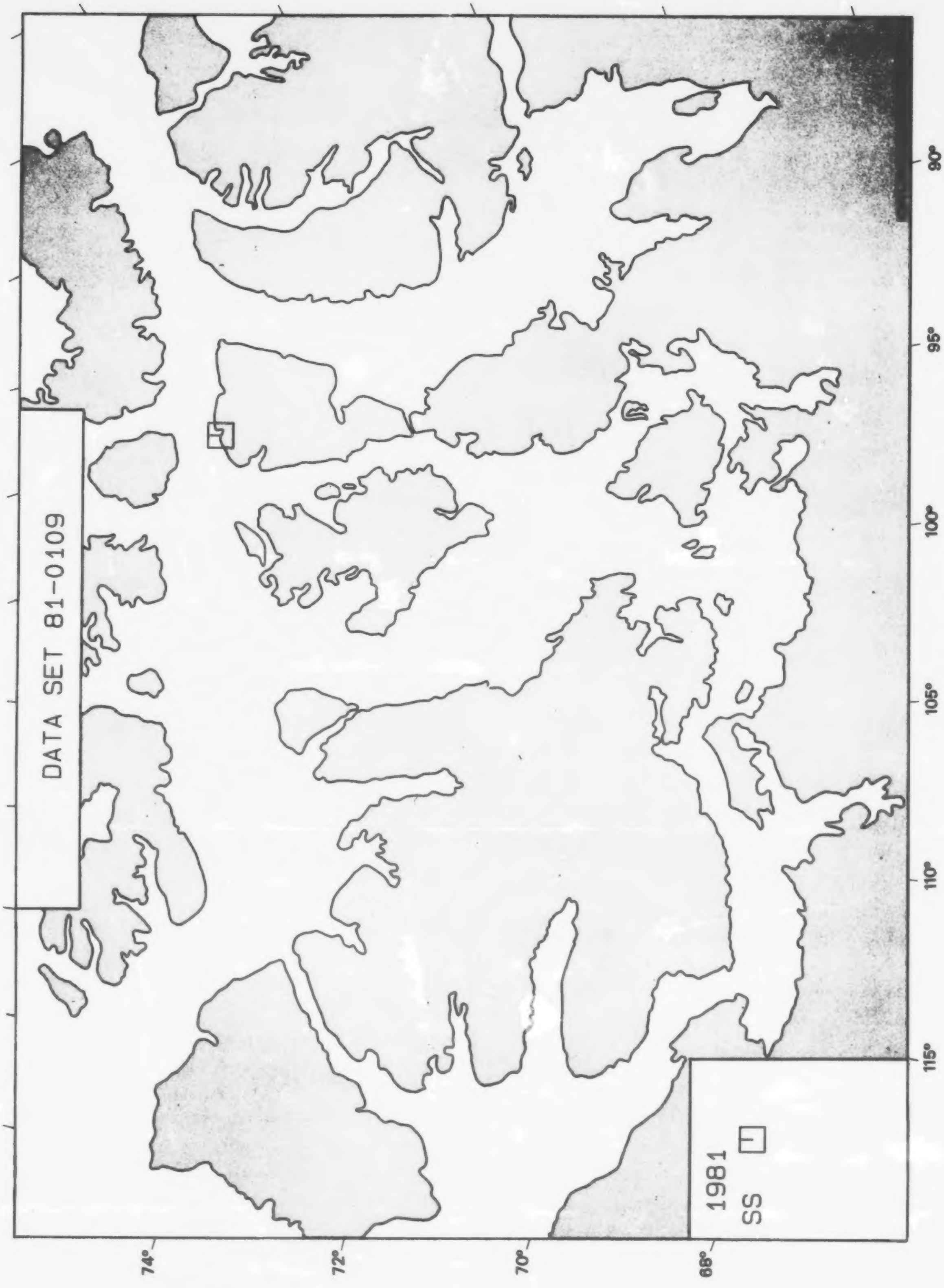
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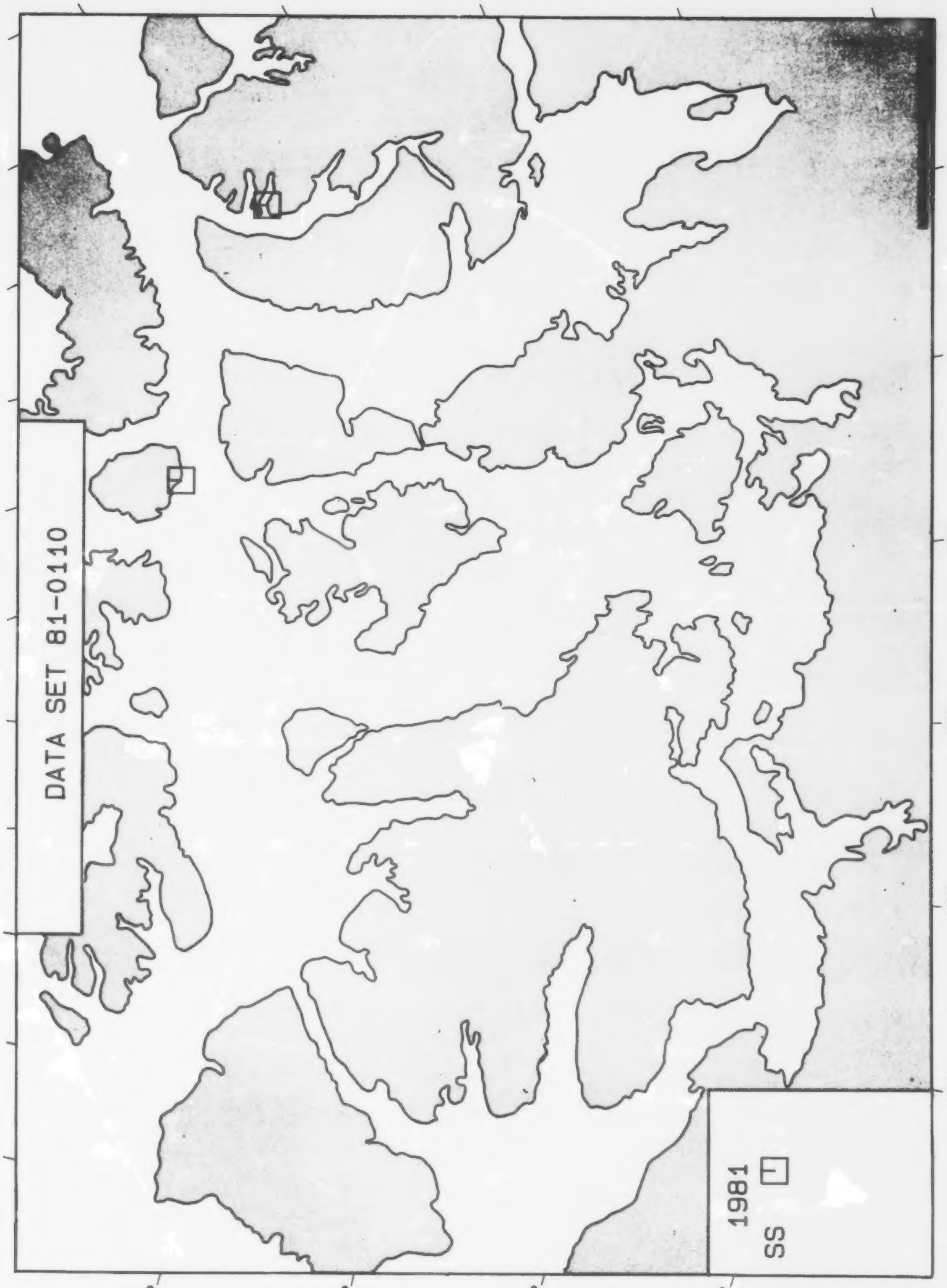
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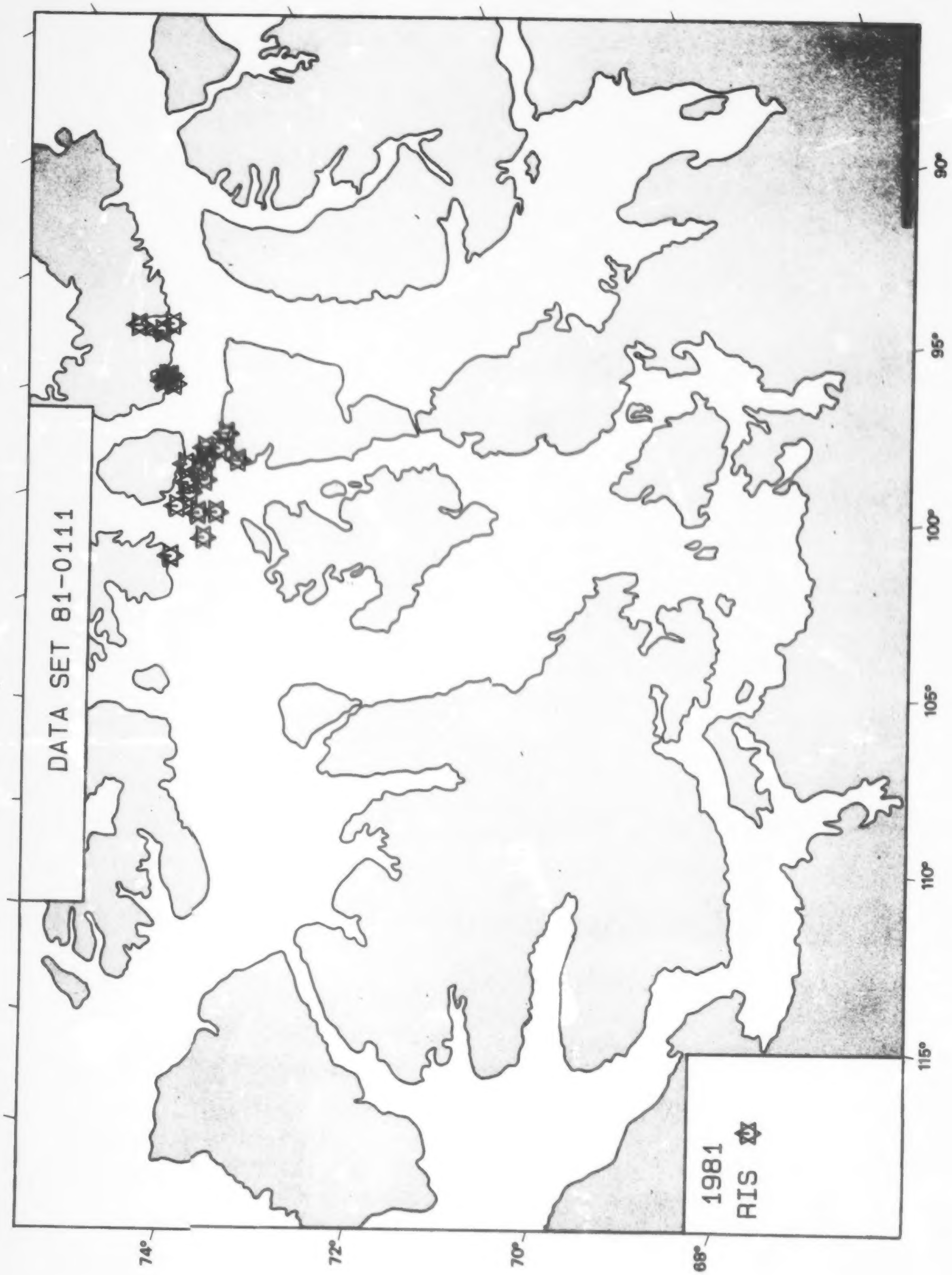
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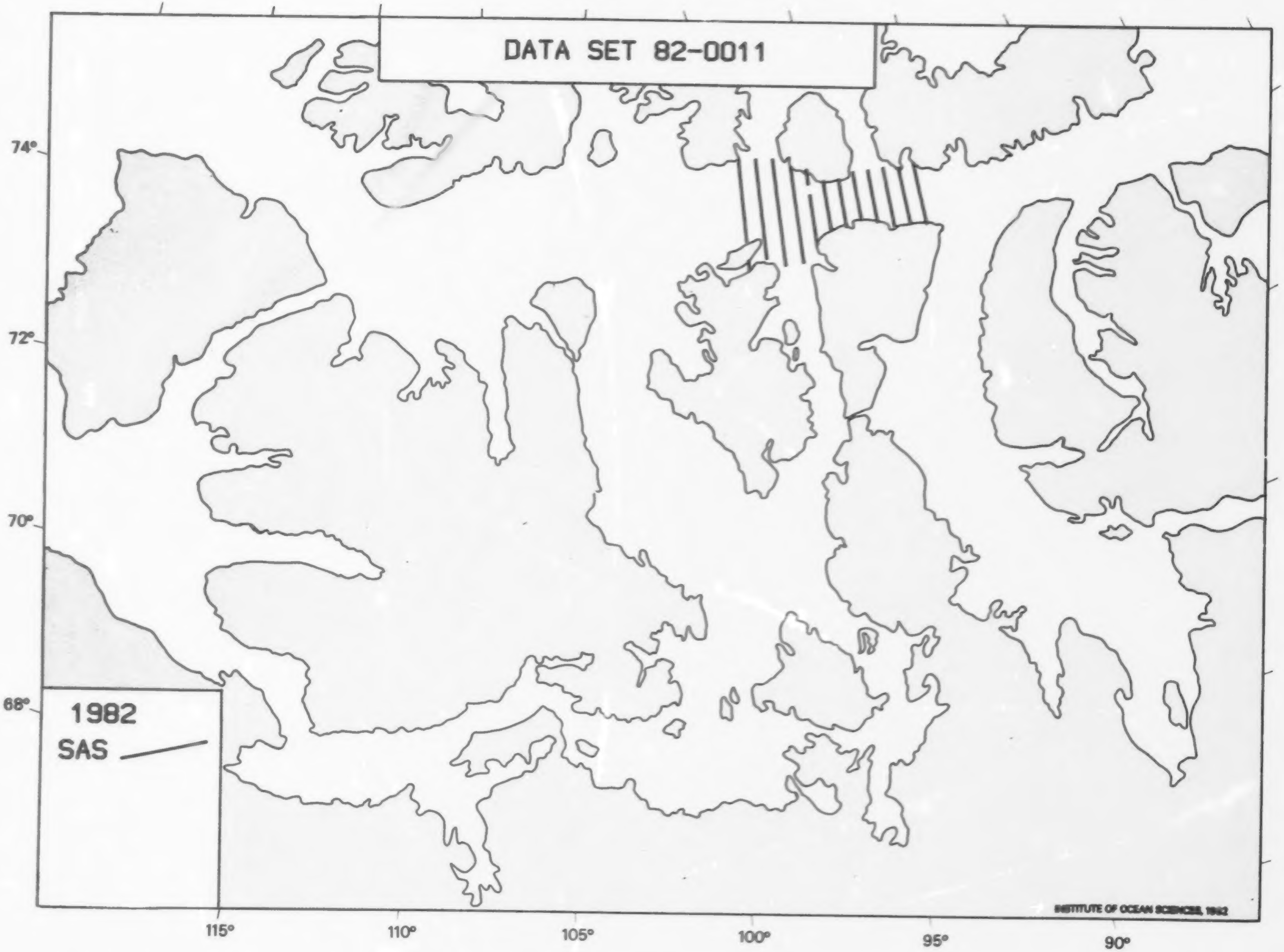
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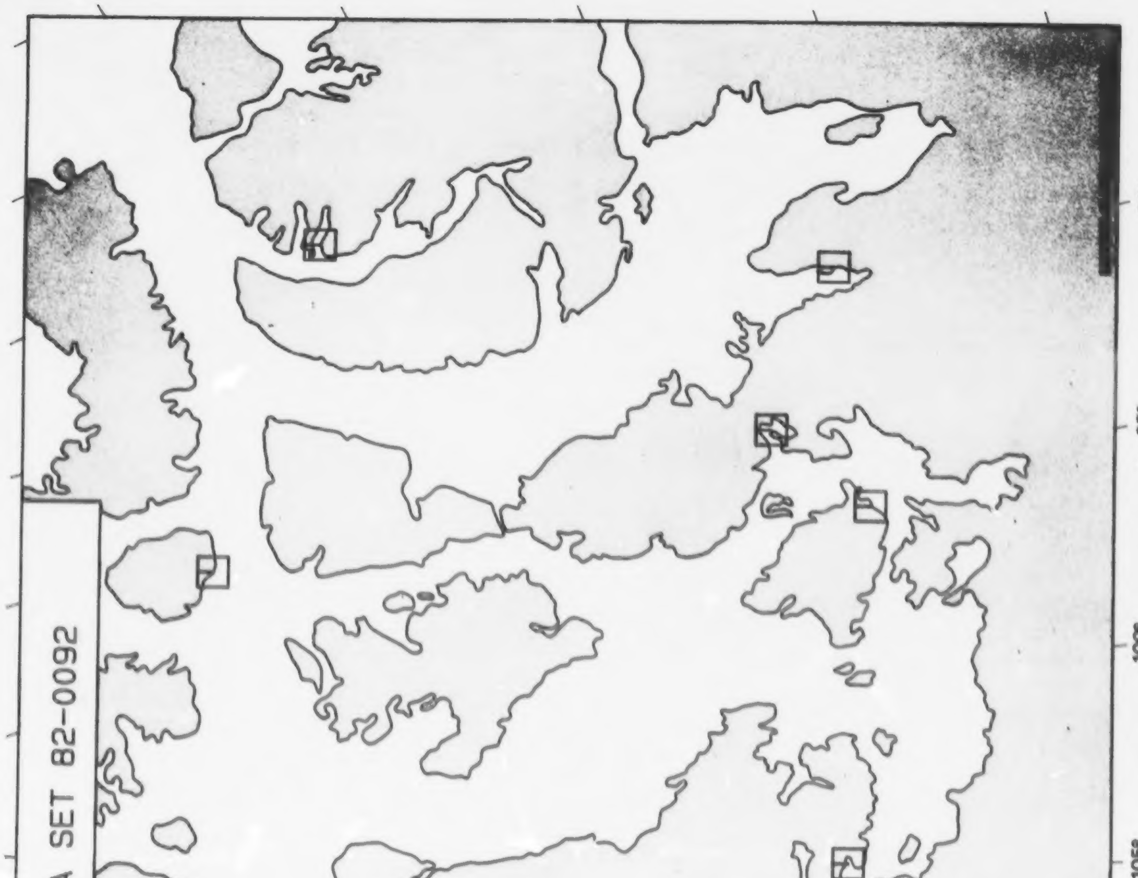
INSTITUTE OF OCEAN SCIENCES, 1982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JULY 1982-
JUNE 1983
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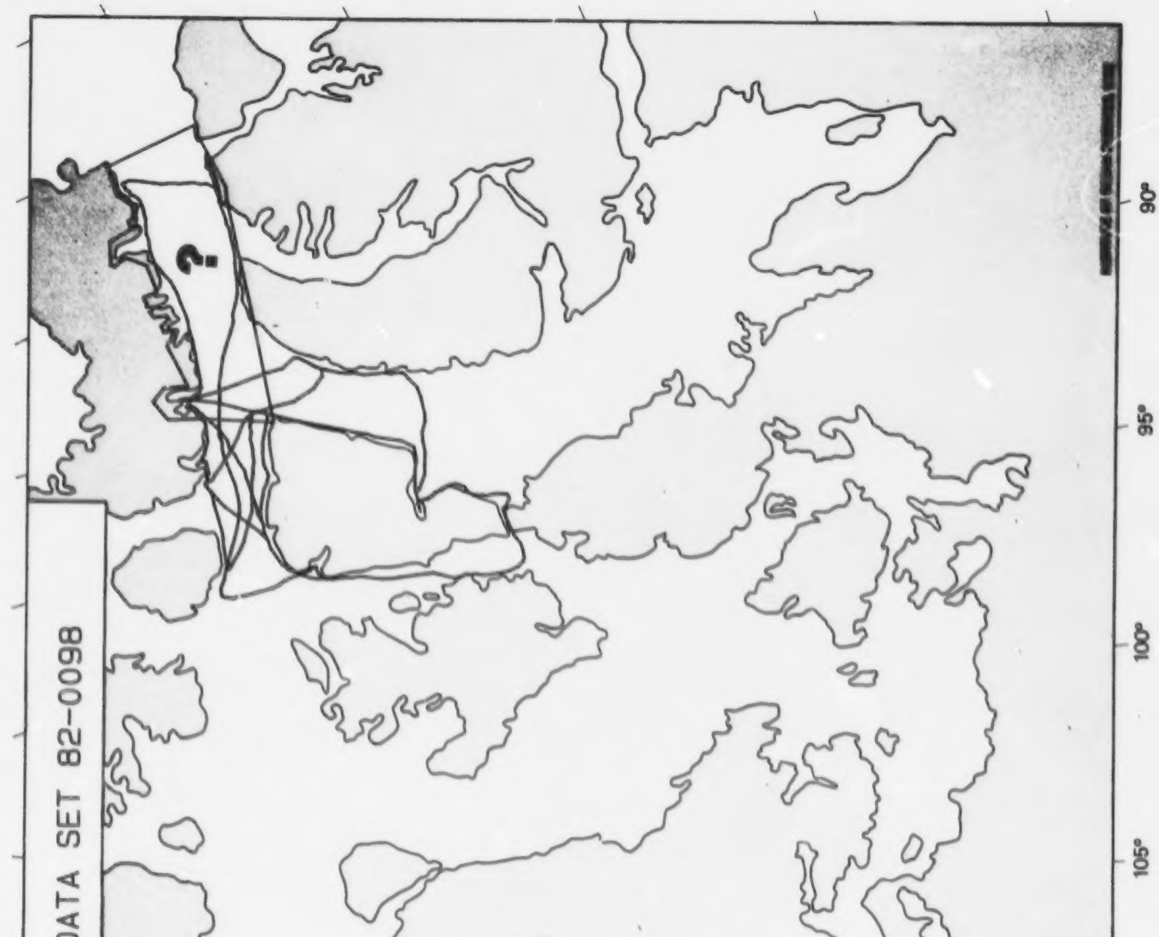
105°
110°
115°
74°
72°
70°
68°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1982
RAS
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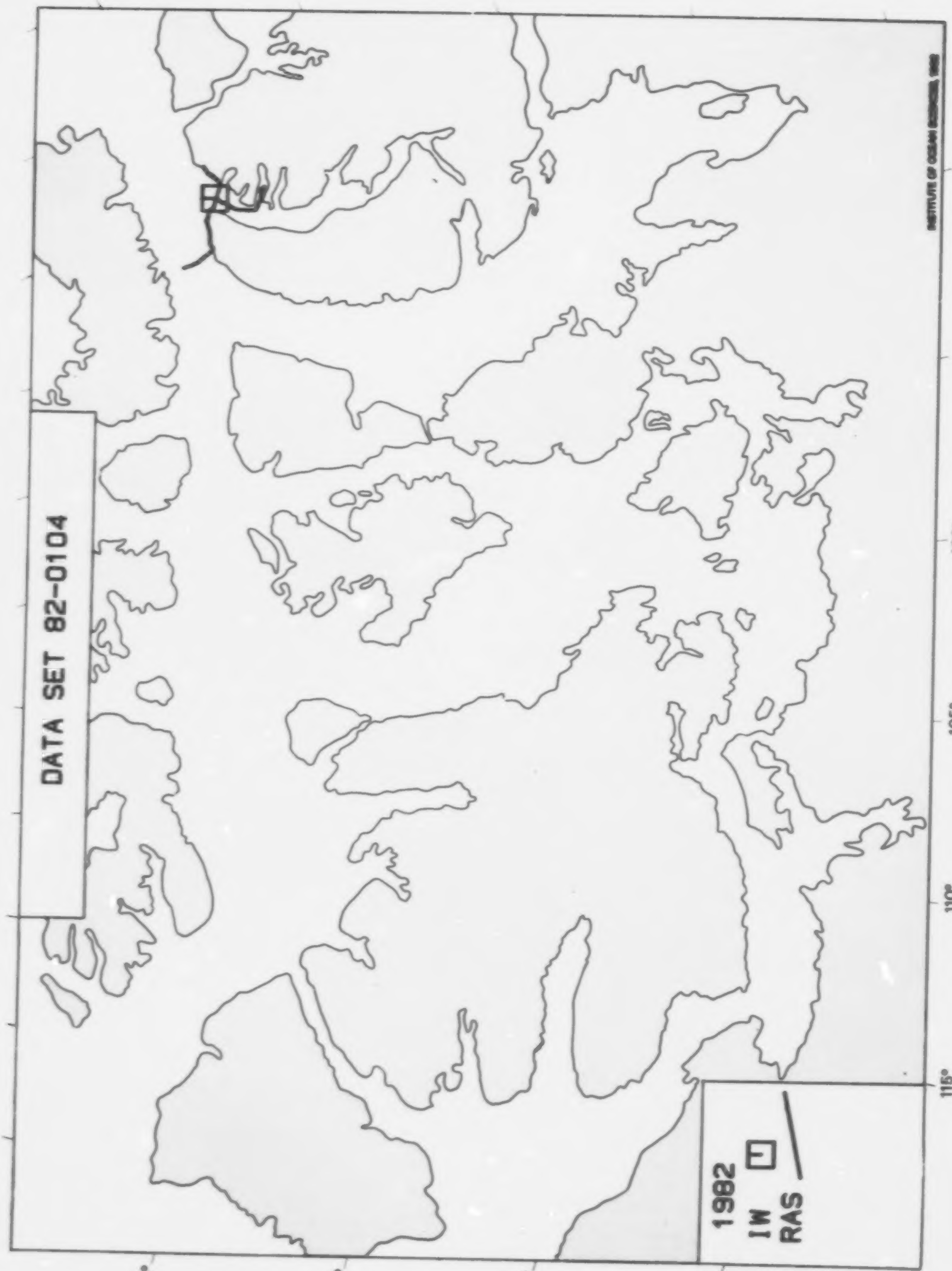
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INSTITUTE OF OCEAN SCIENCES
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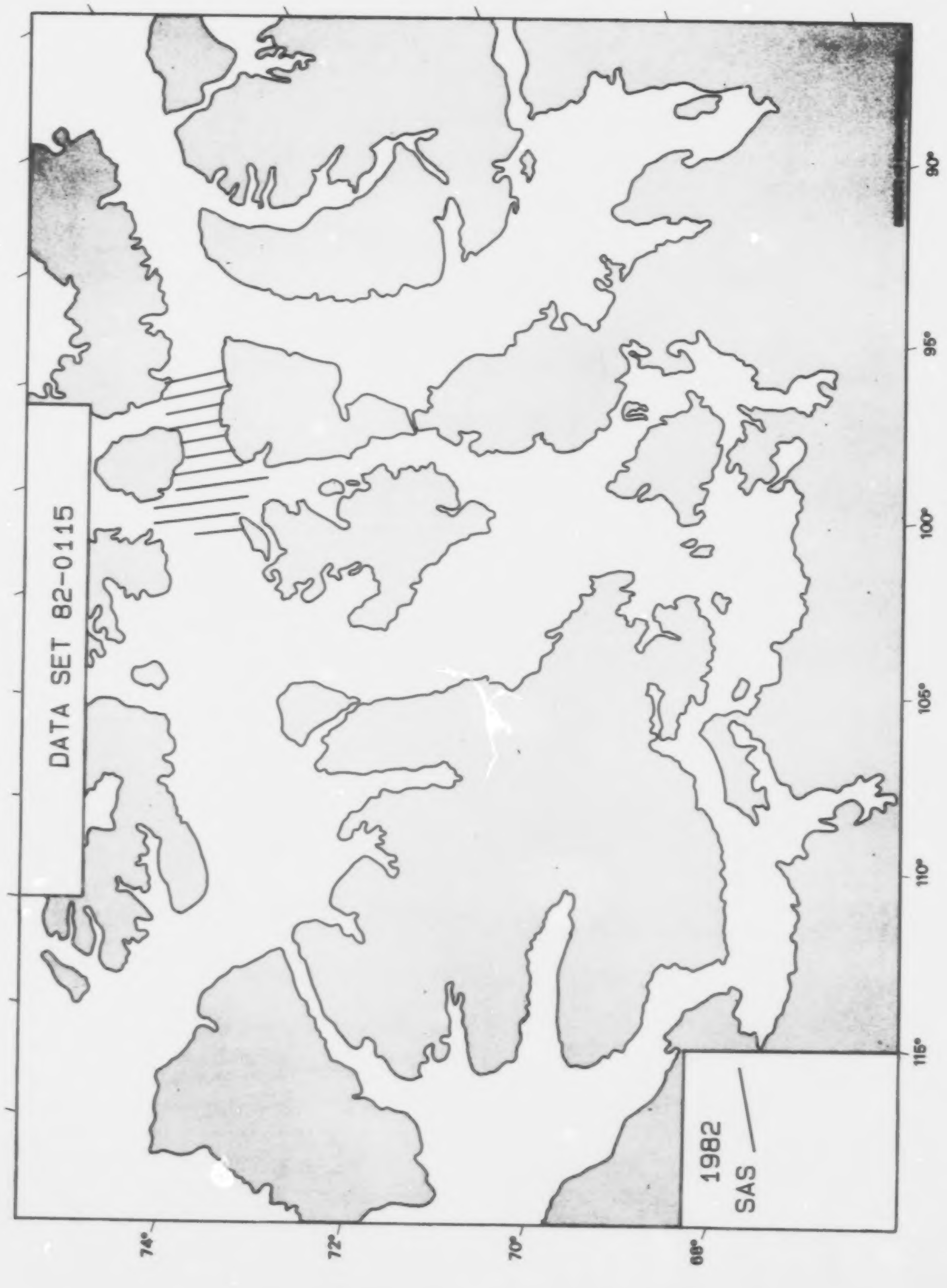
72°
70°
68°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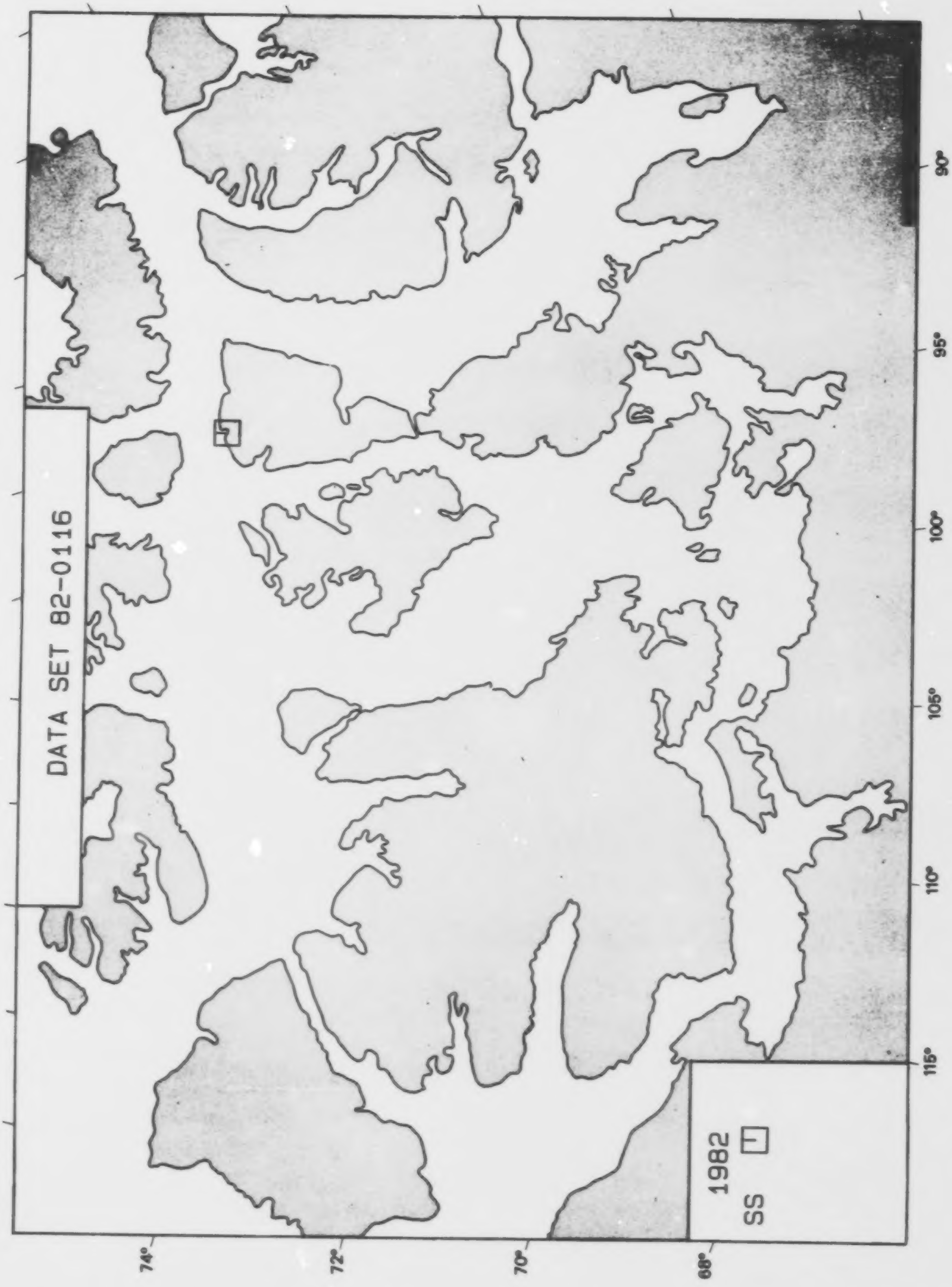
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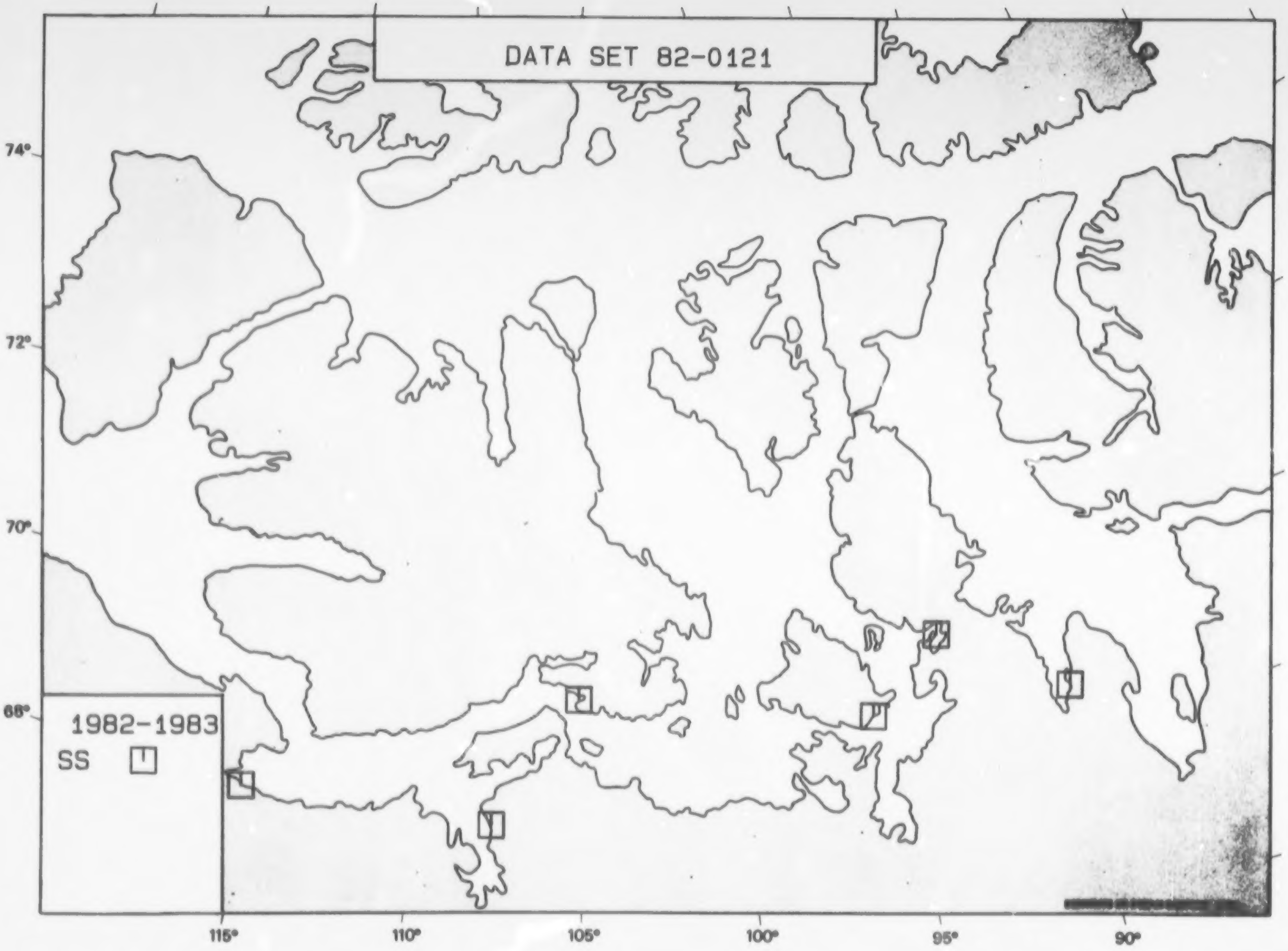
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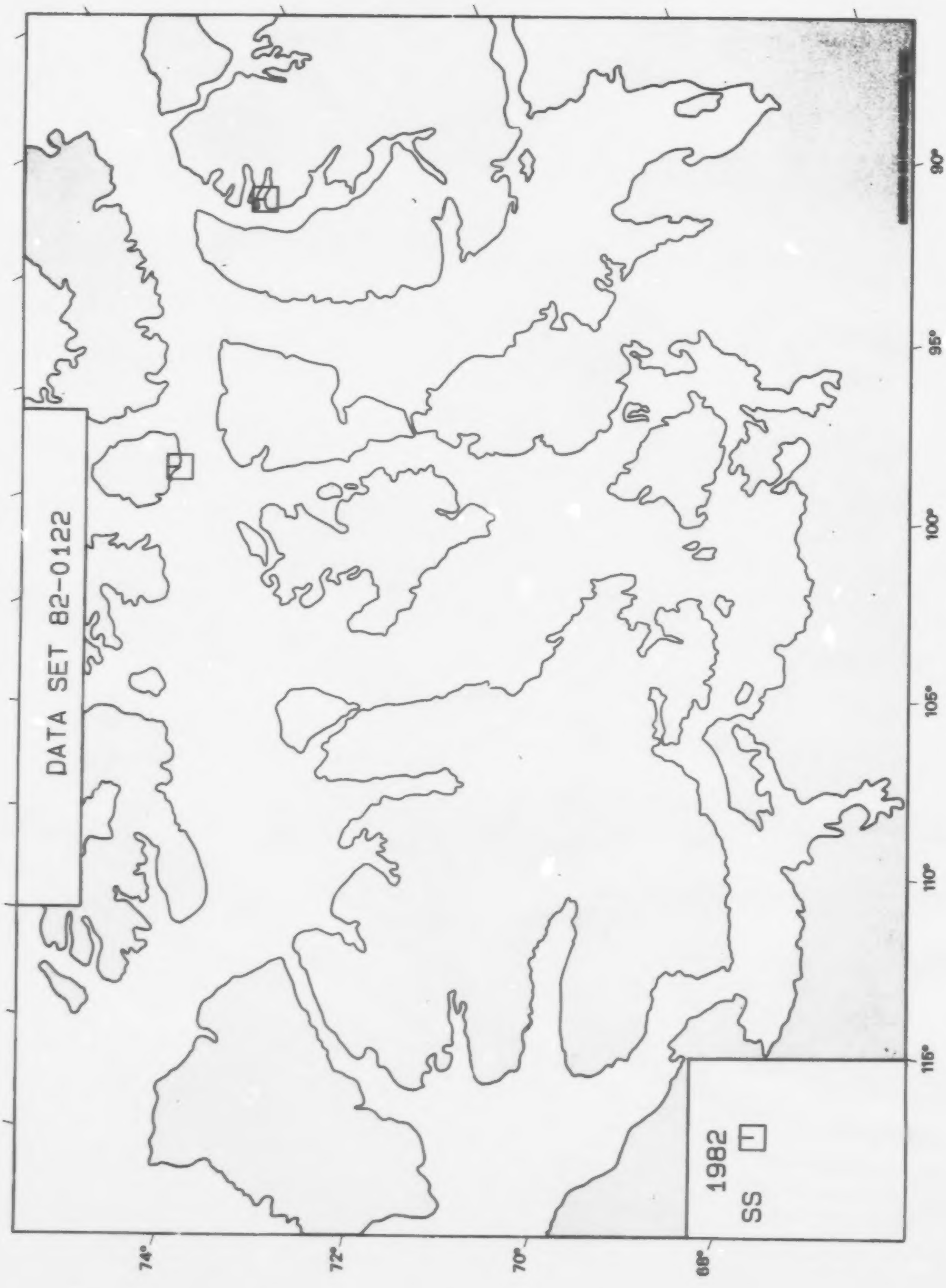
90°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1982
SS
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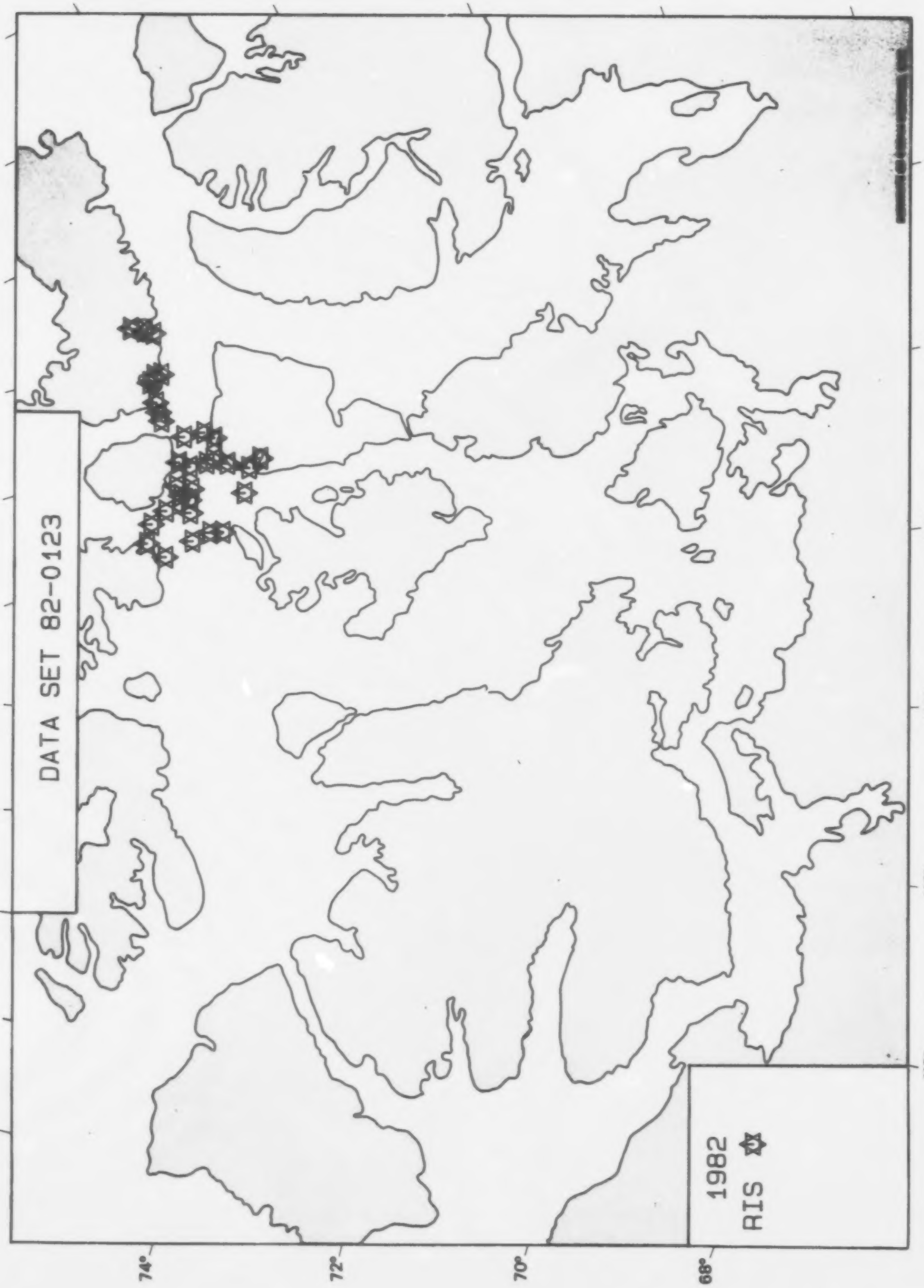
115°
74°
72°
70°
68°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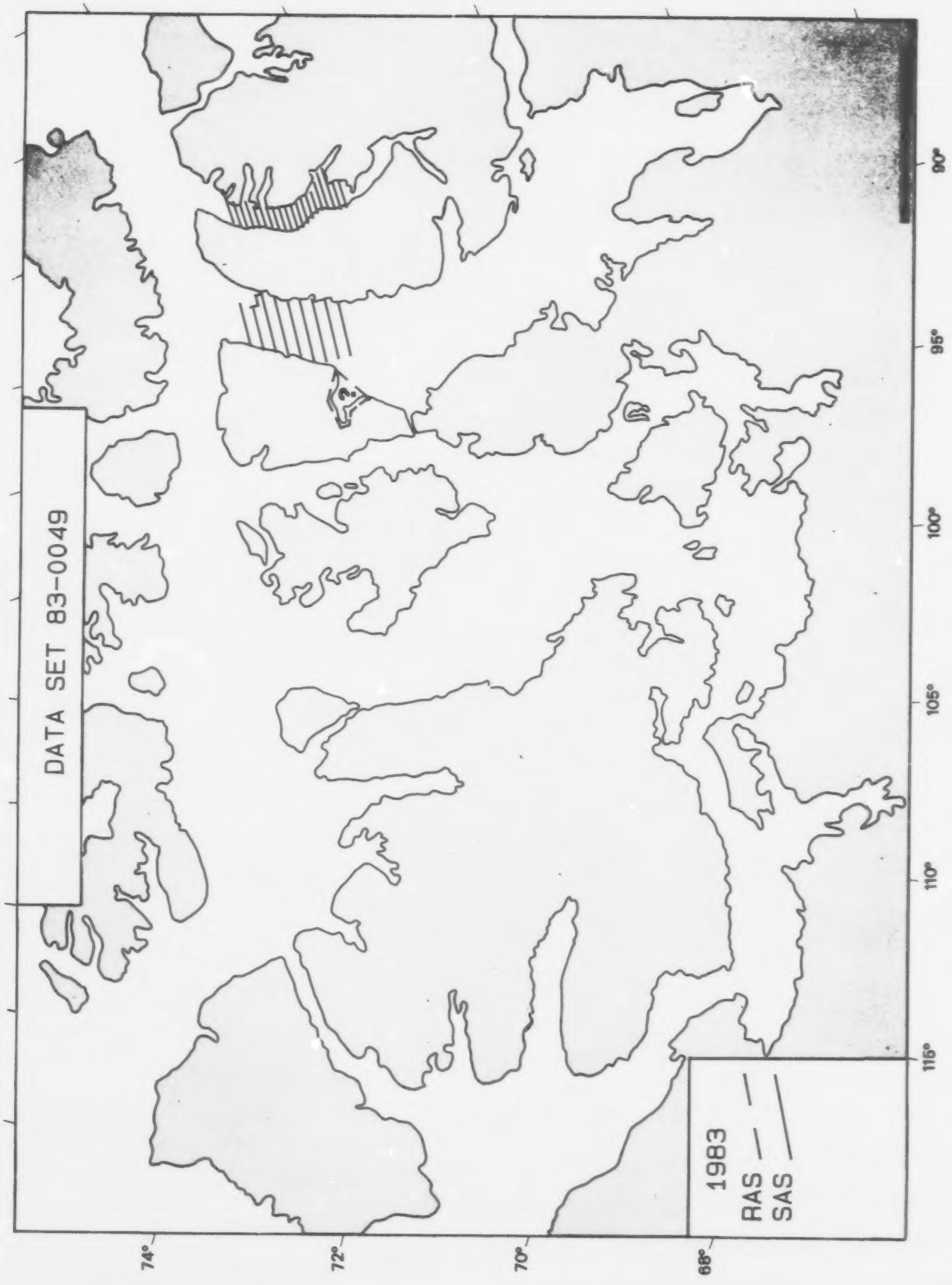
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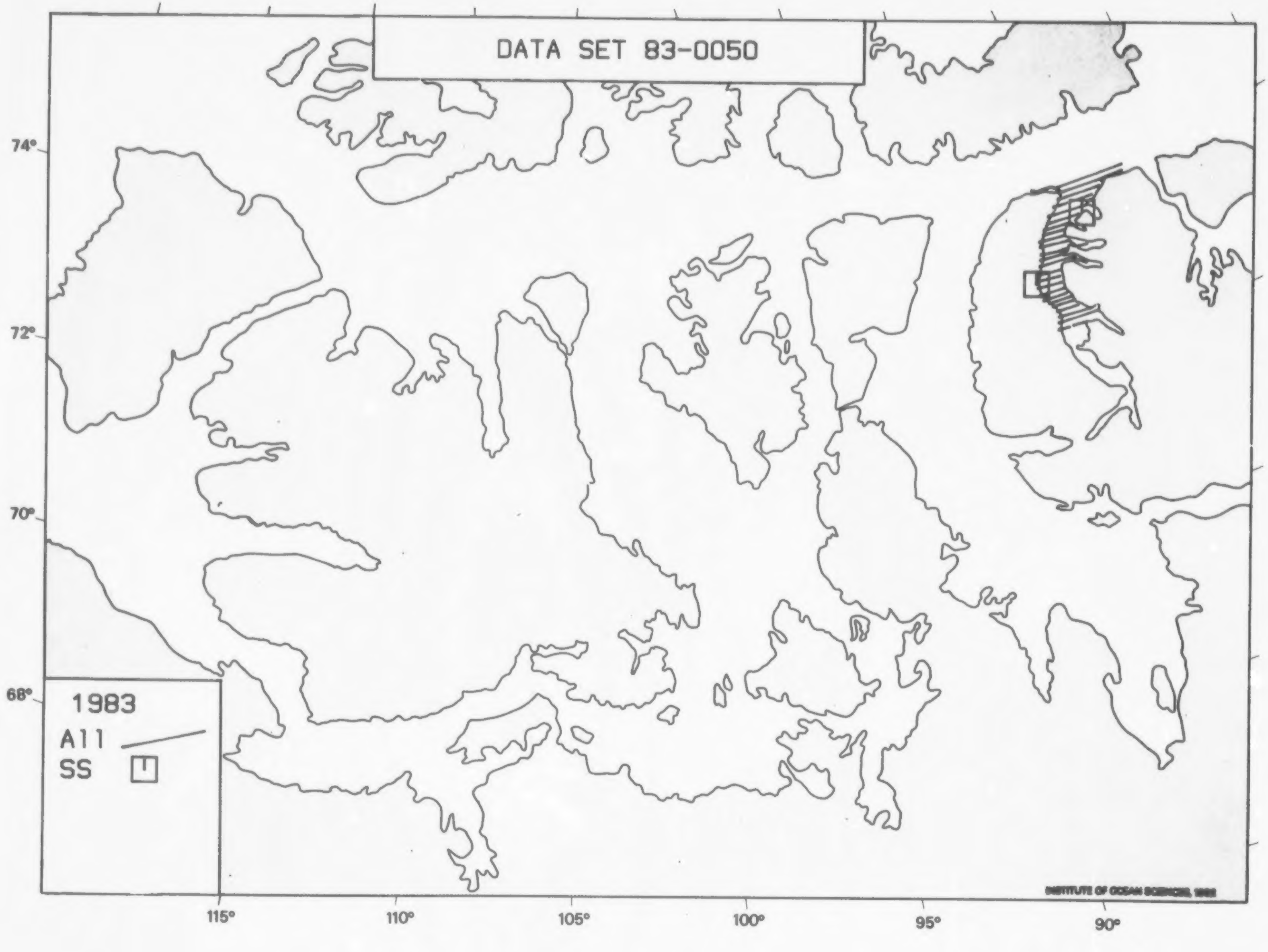
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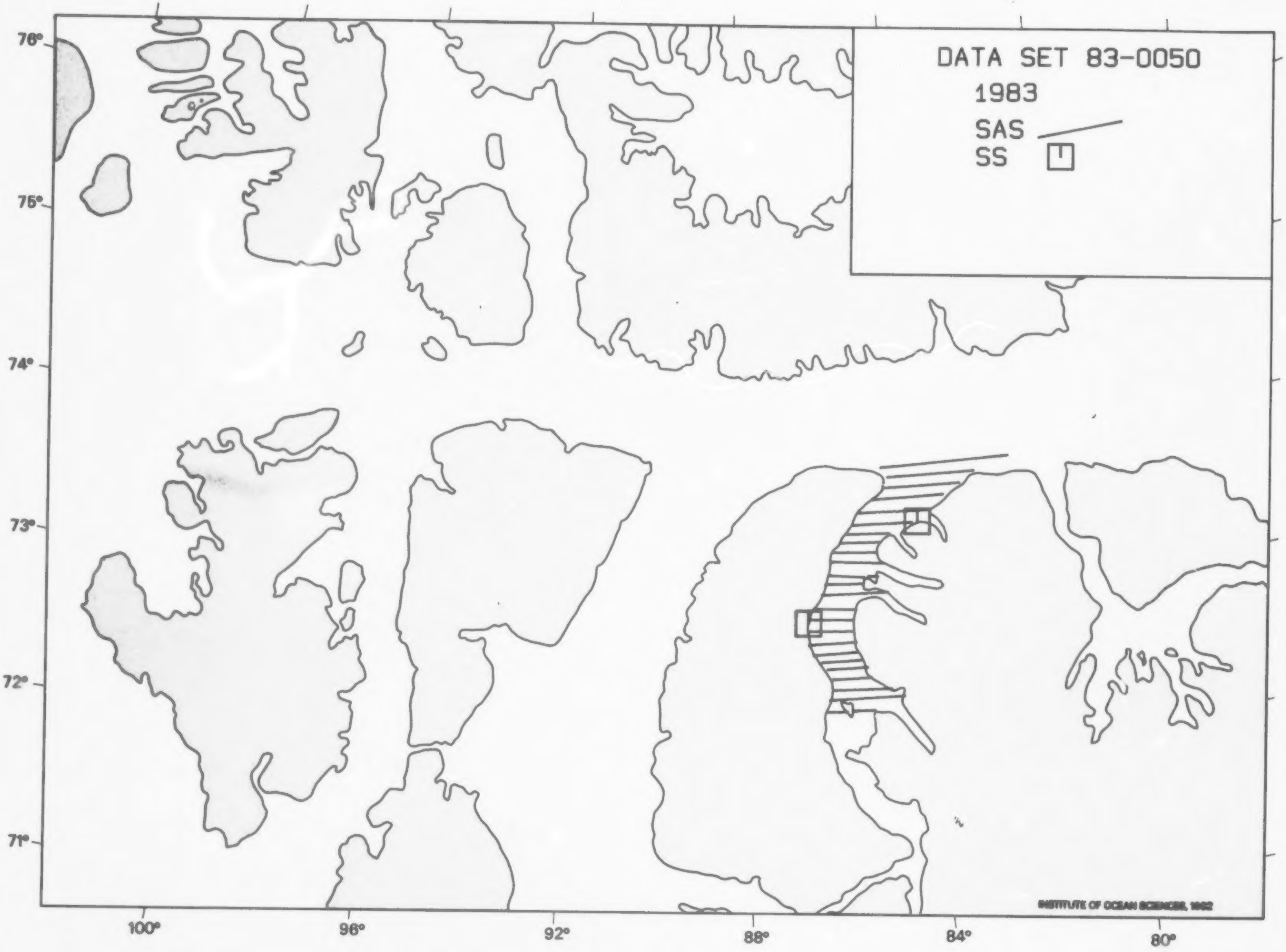
INSTITUTE OF OCEAN SCIENCES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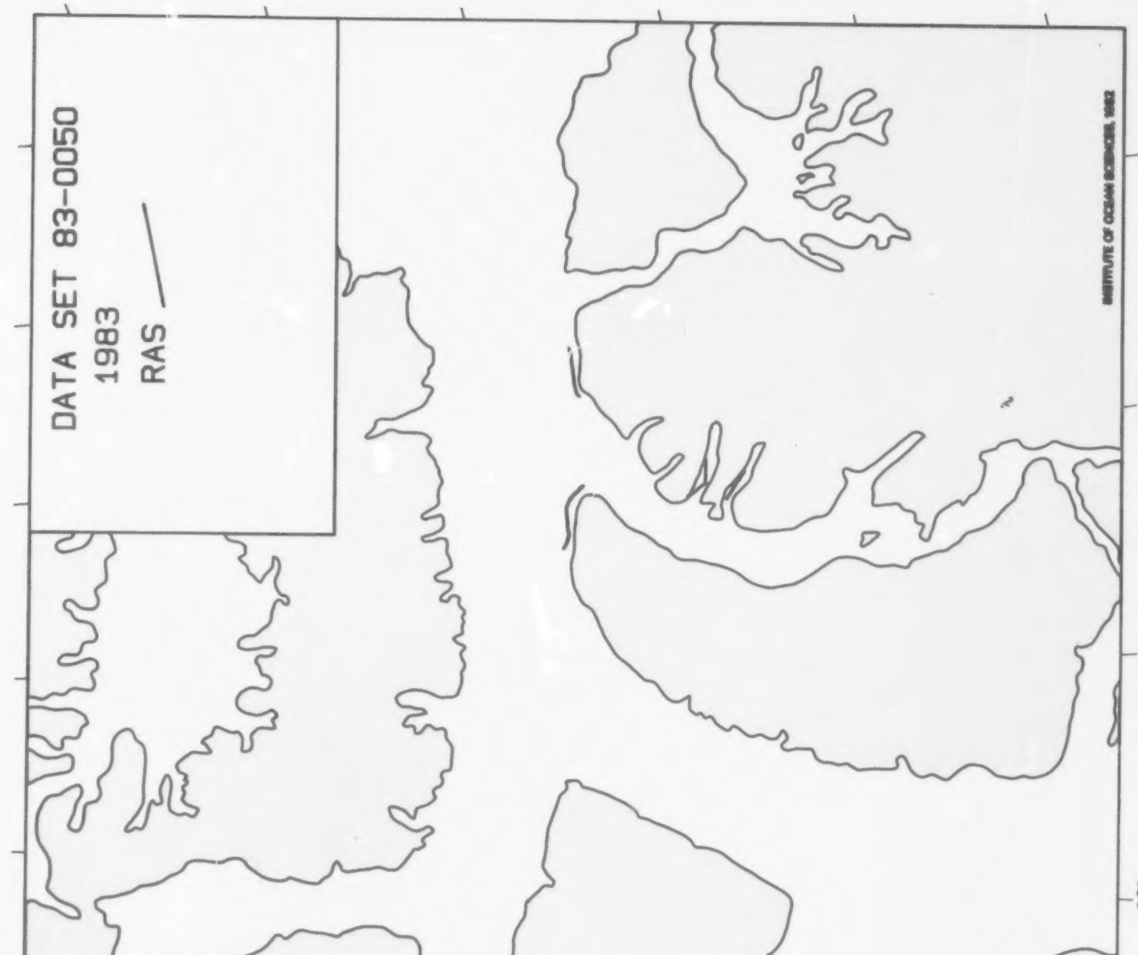
INSTITUTE OF OCEAN SCIENCES, 1982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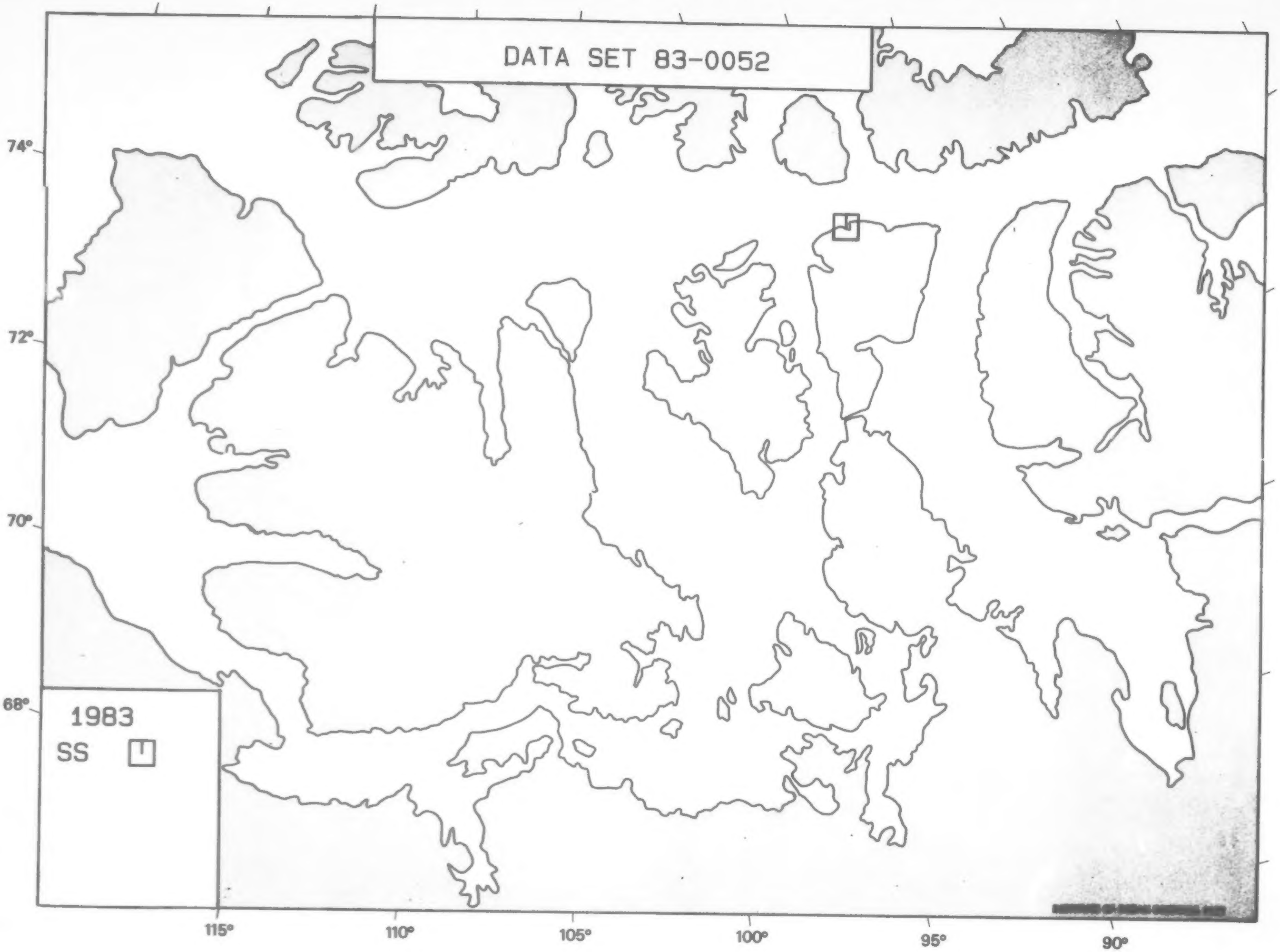
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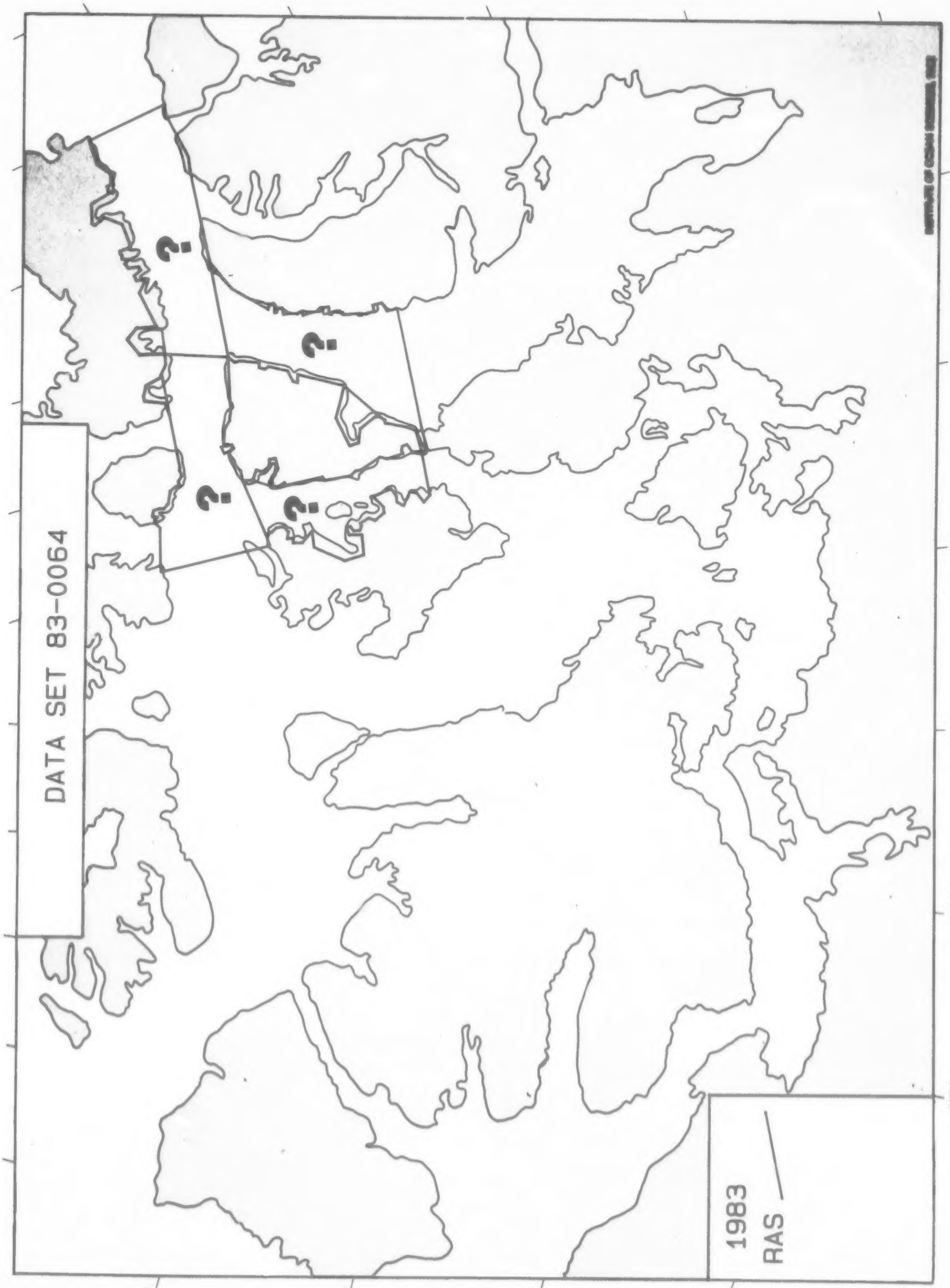
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1983
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?
?
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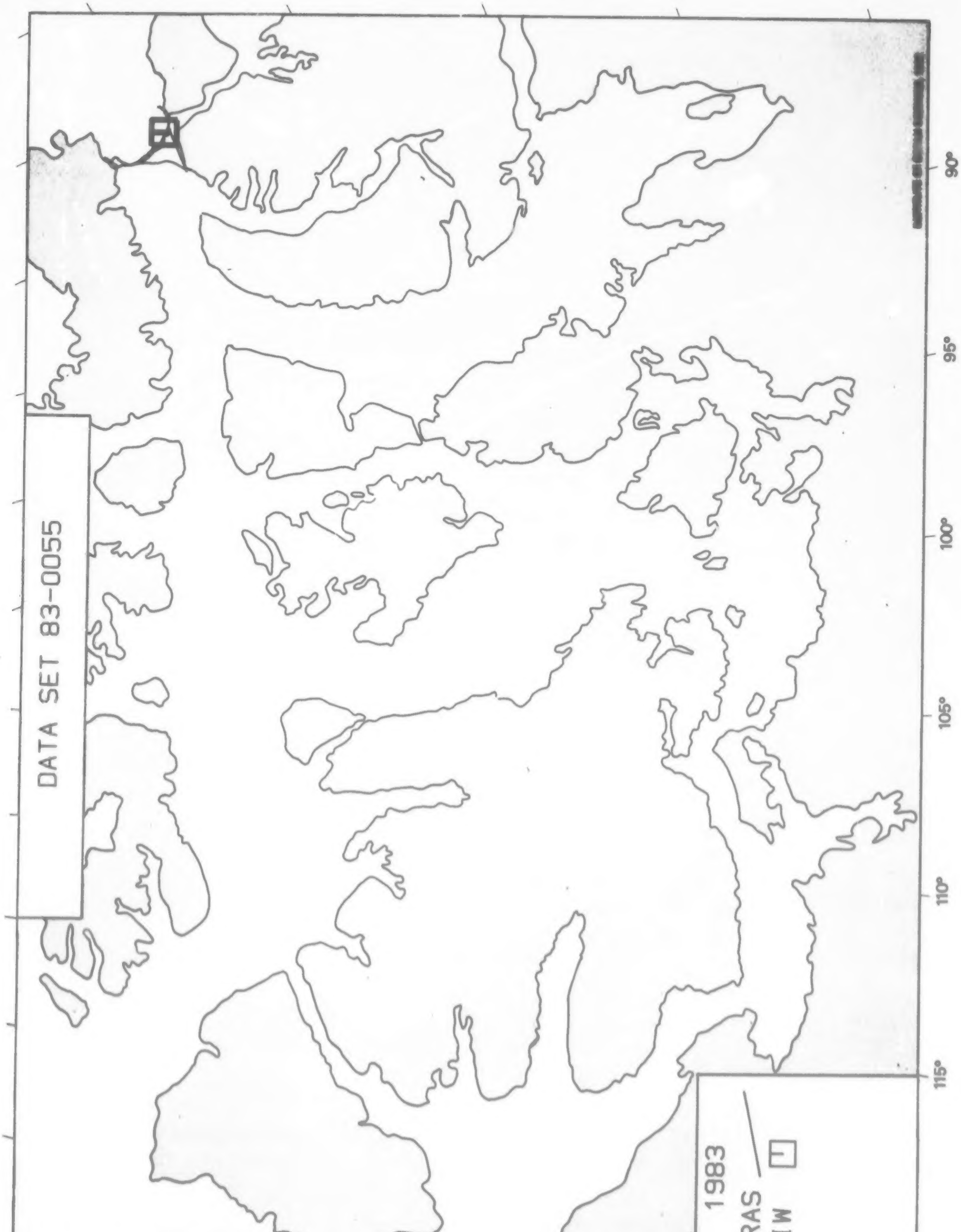
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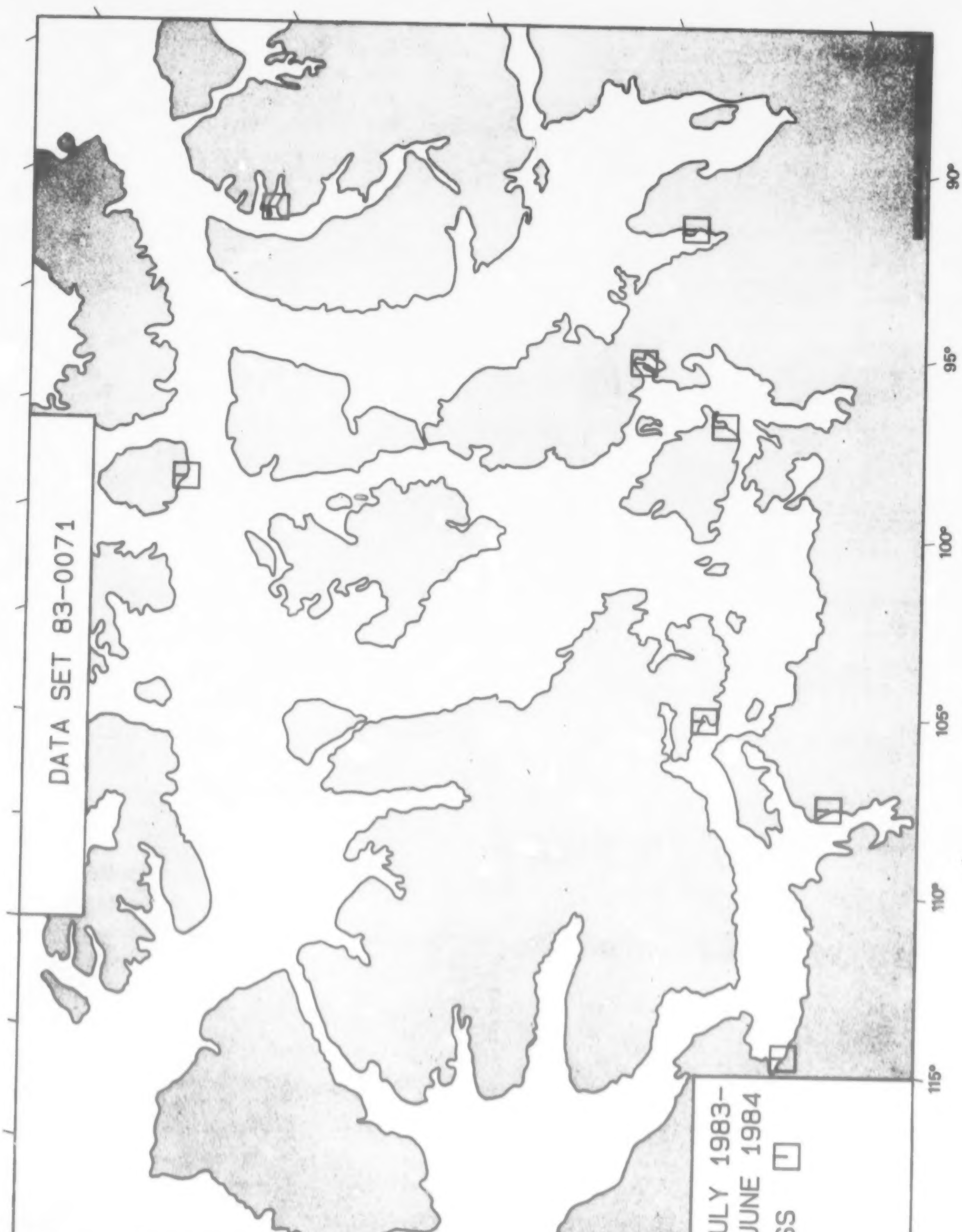
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JULY 1983-
JUNE 1984
SS ☐
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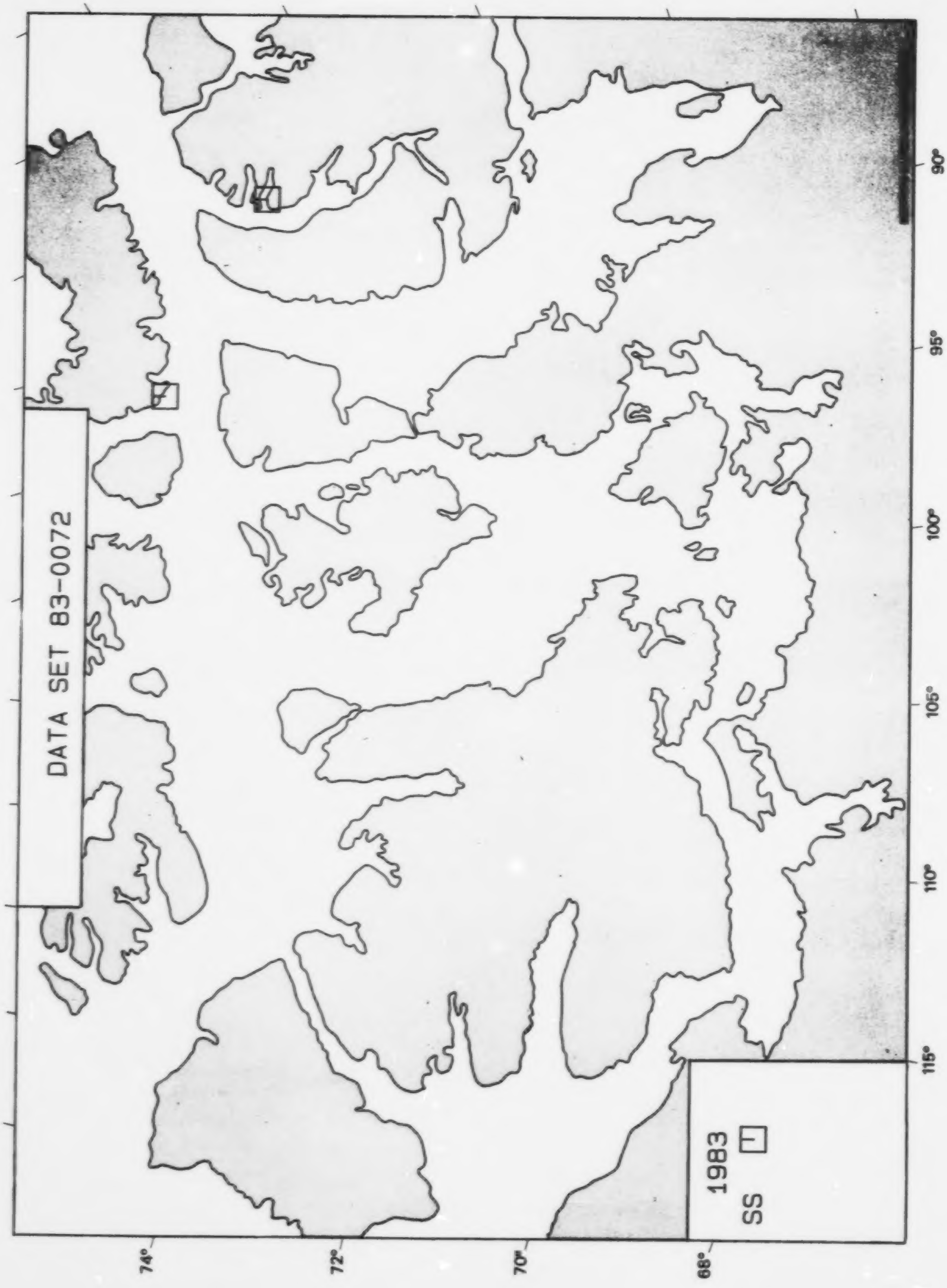
115°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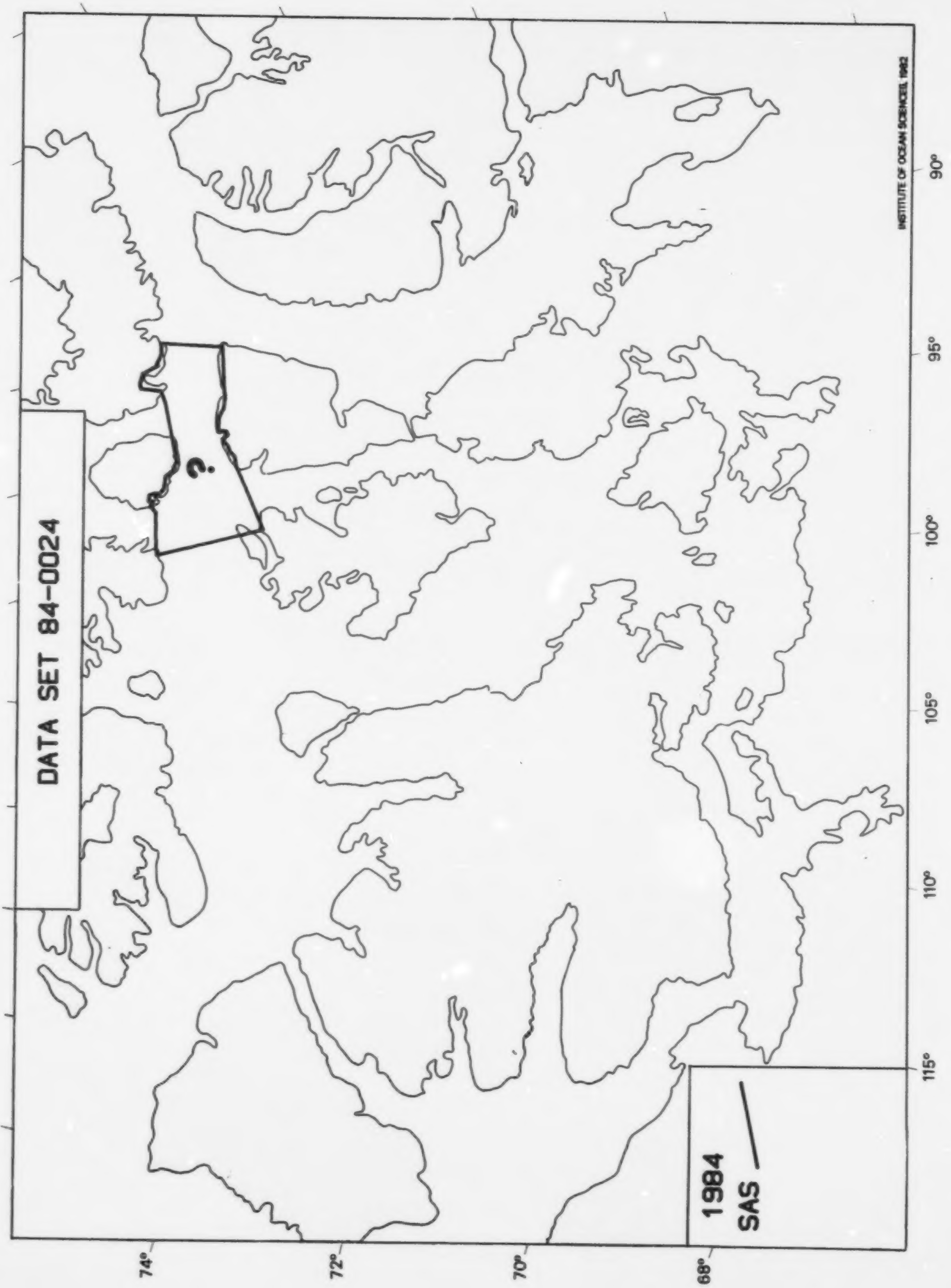
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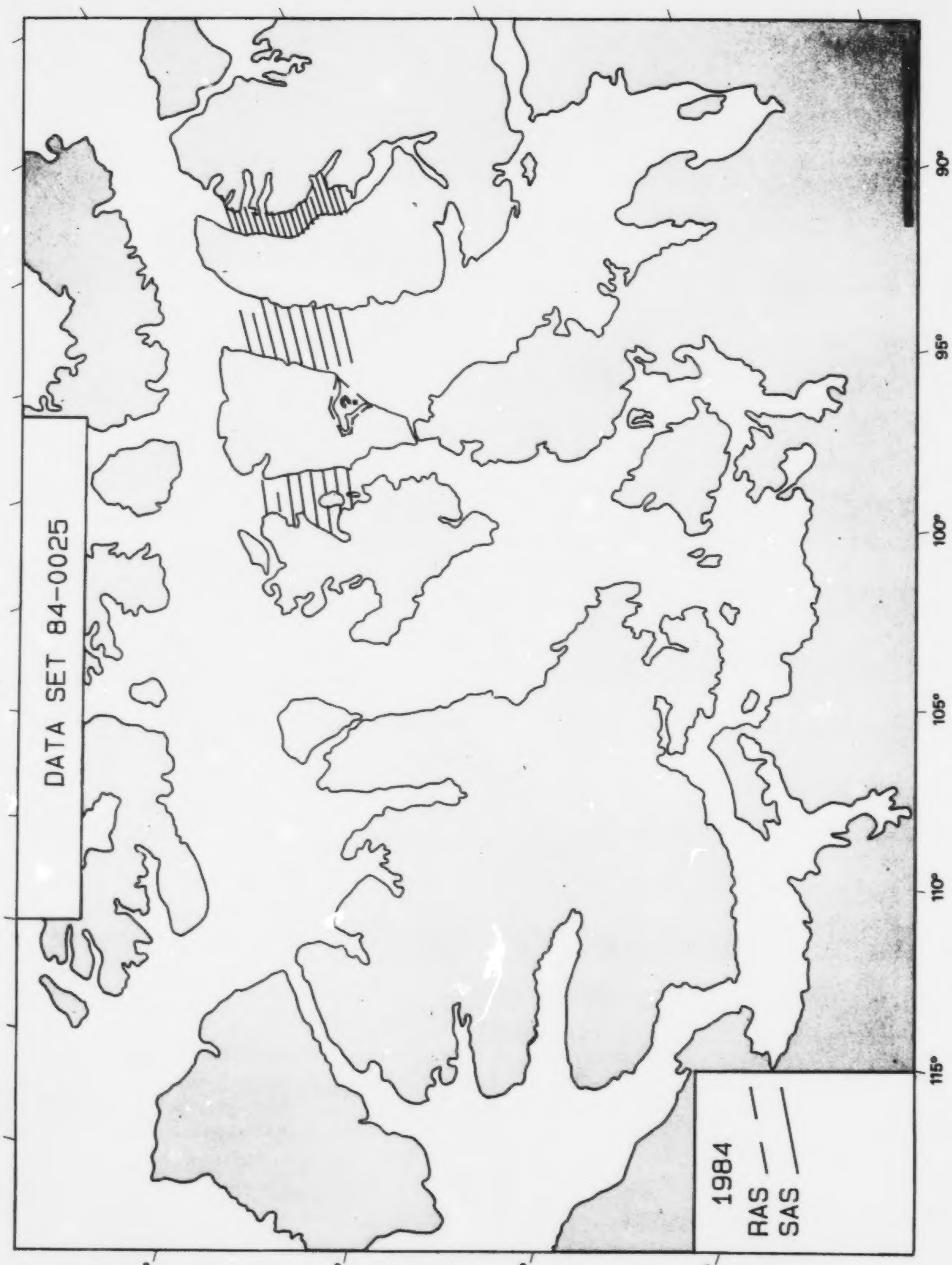
INSTITUTE OF OCEAN SCIENCES, 1982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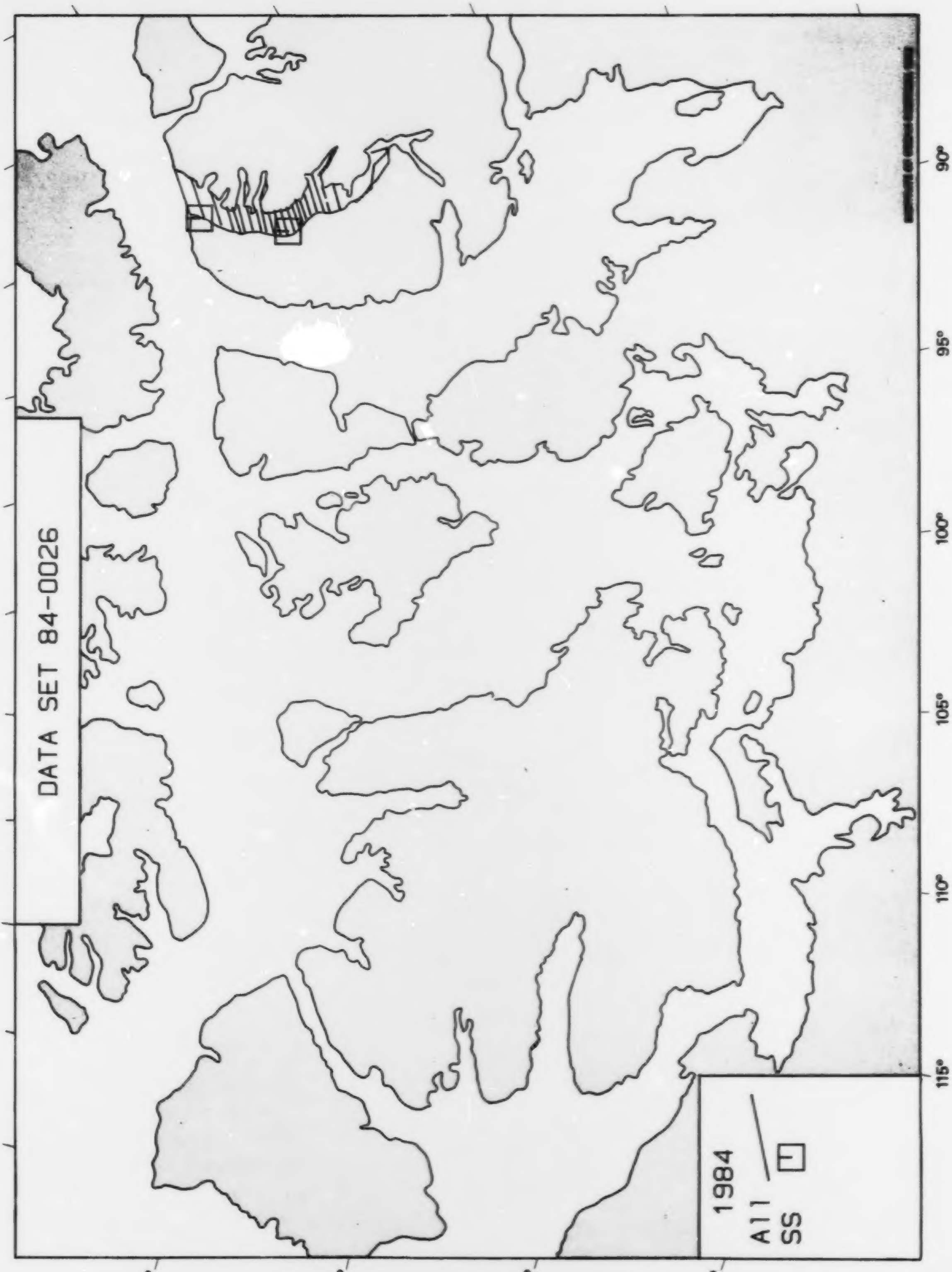
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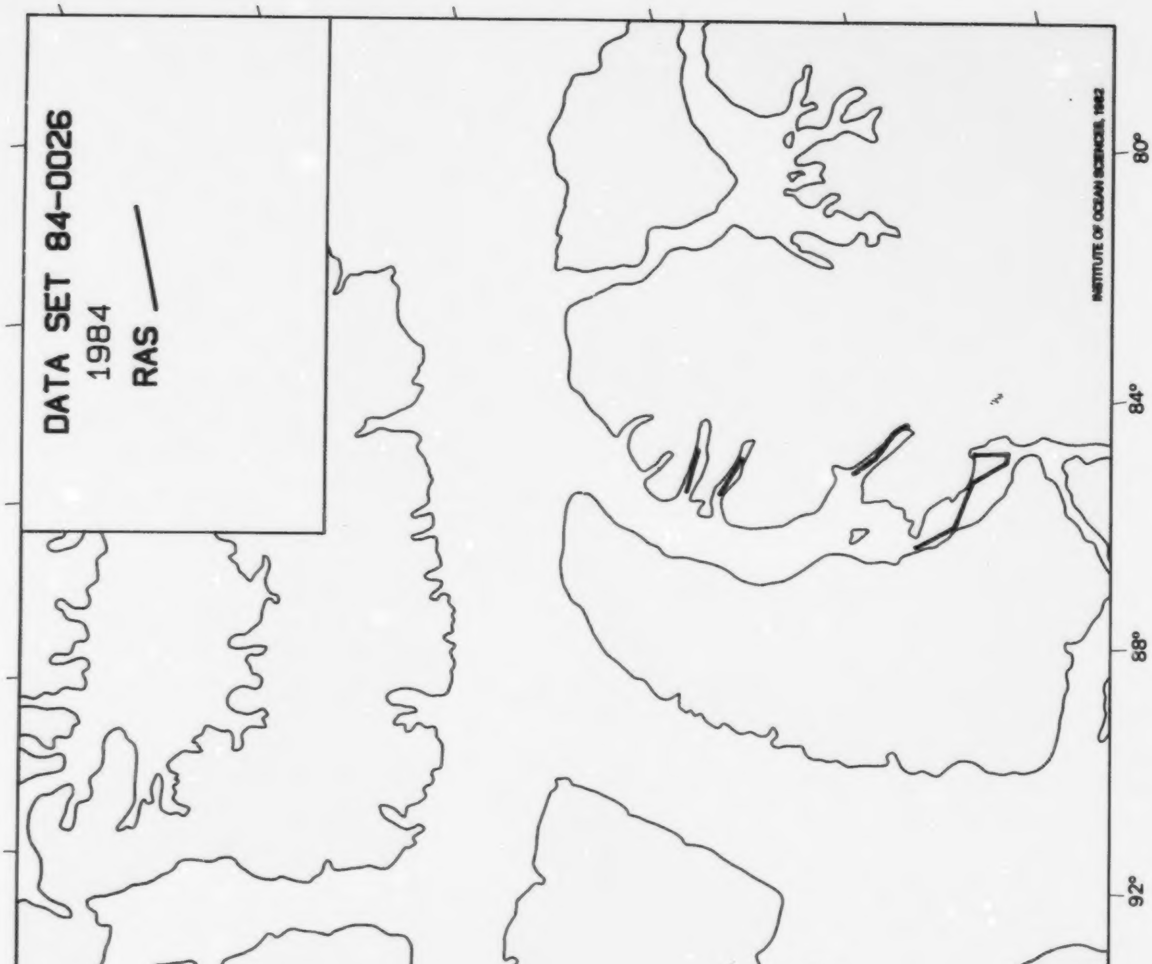
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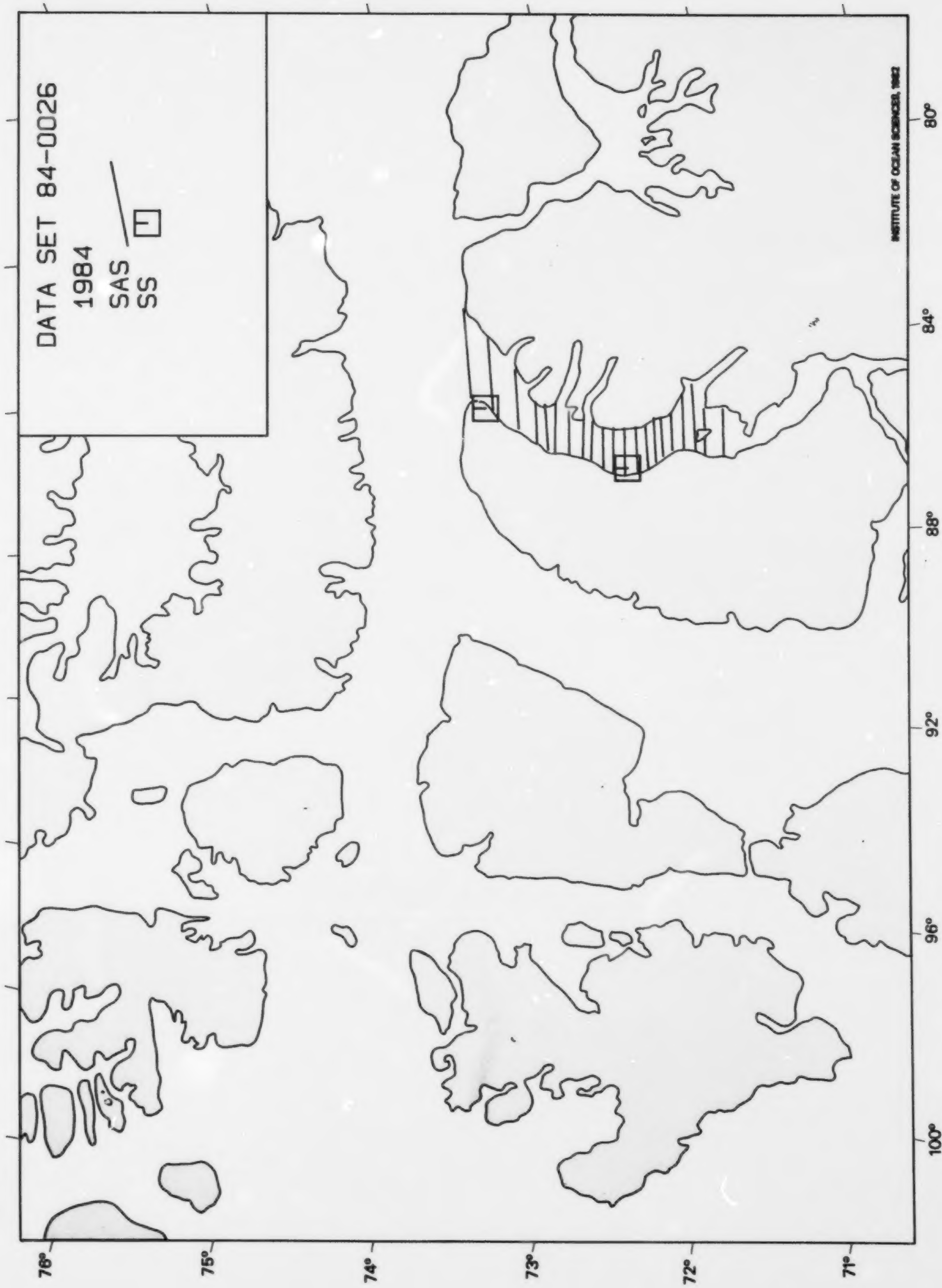
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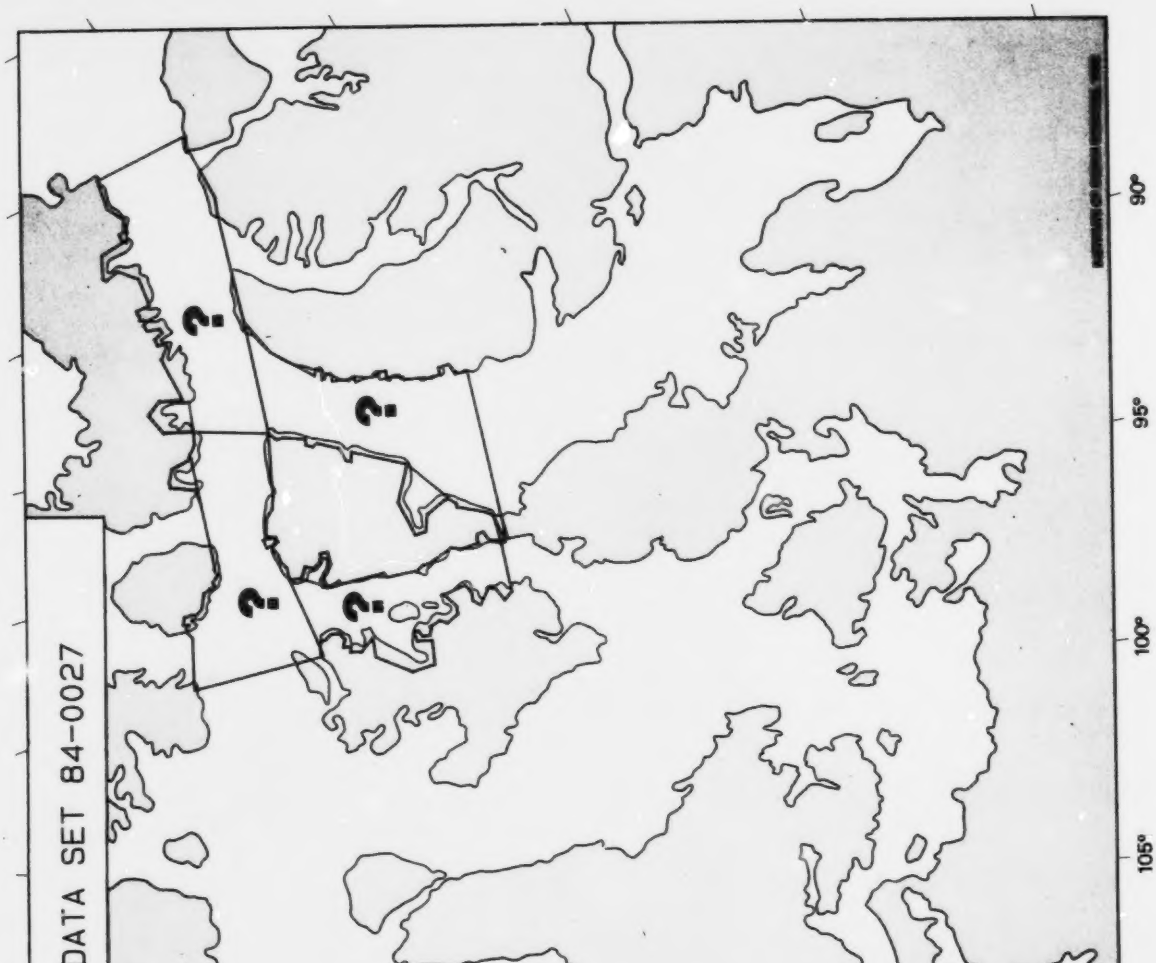
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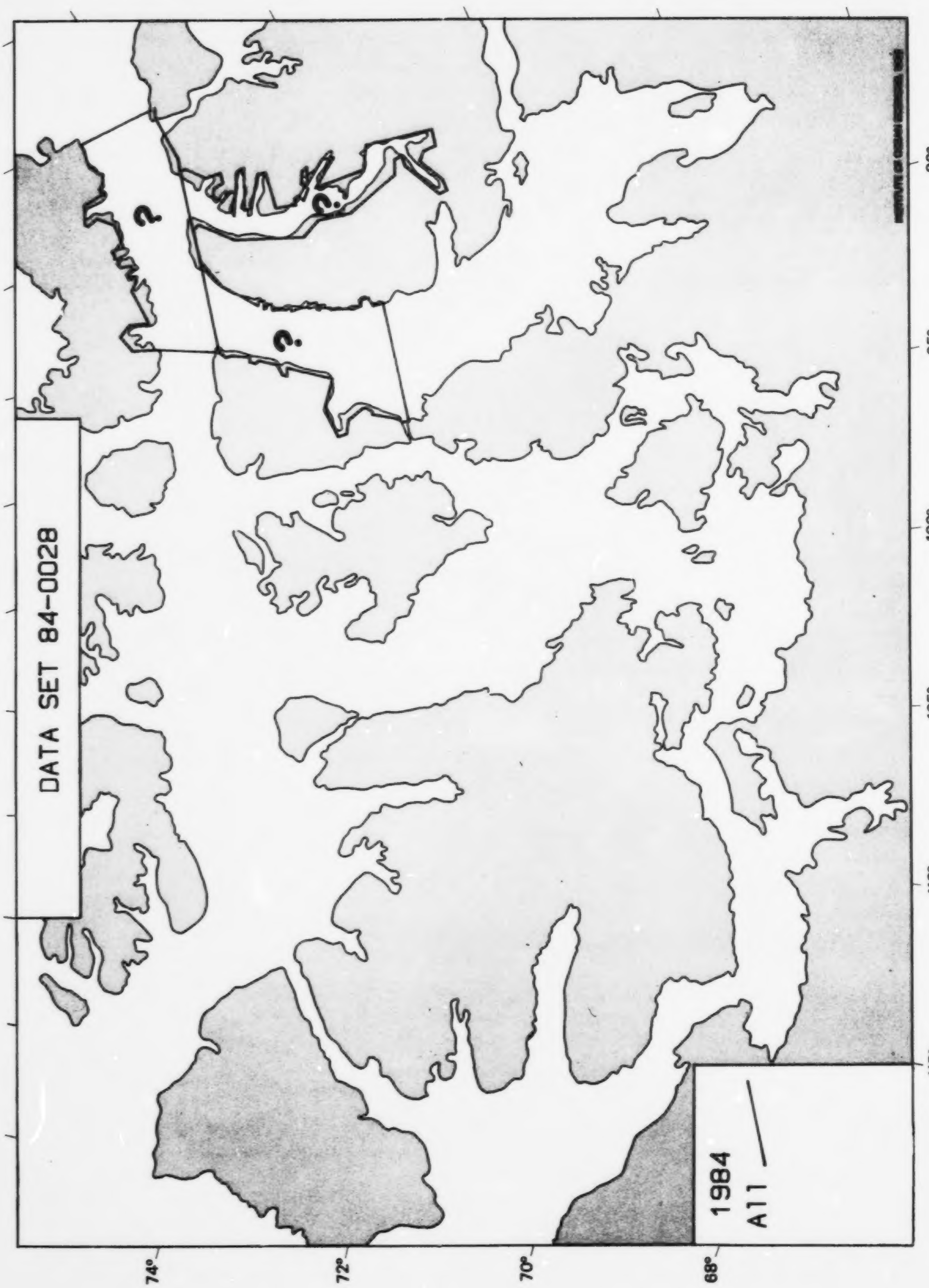
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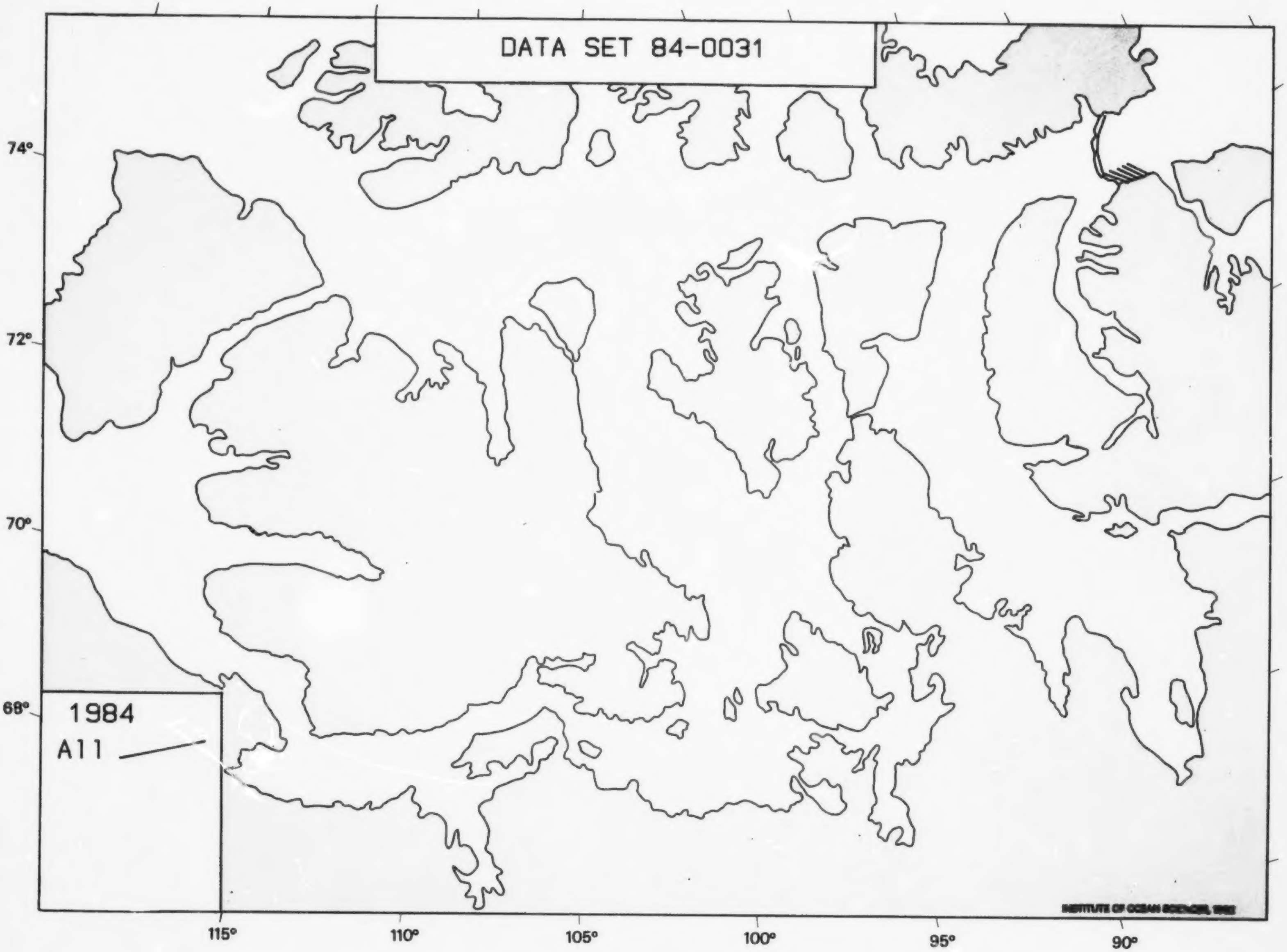
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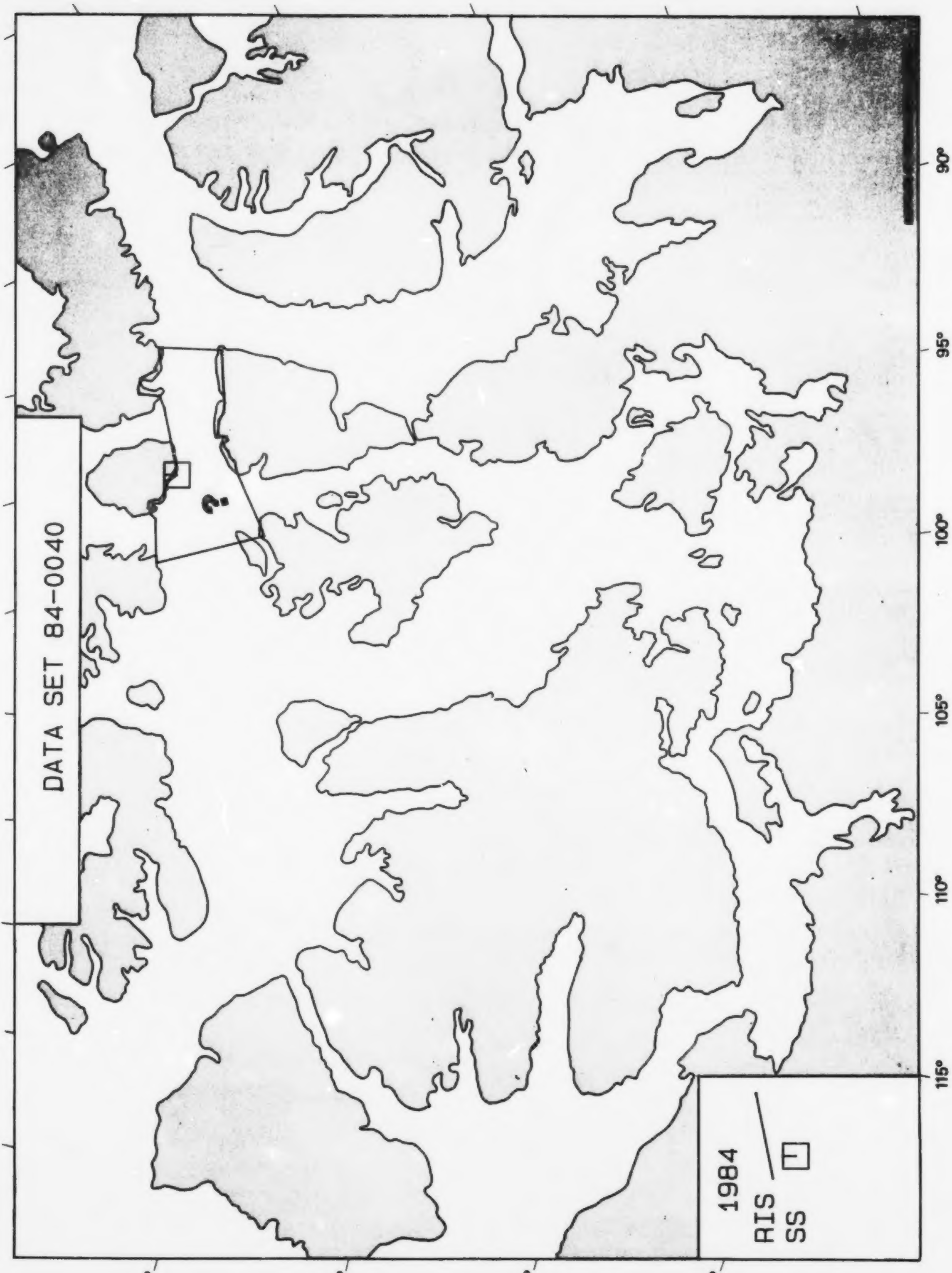
INSTITUTE OF OCEAN SCIENCES,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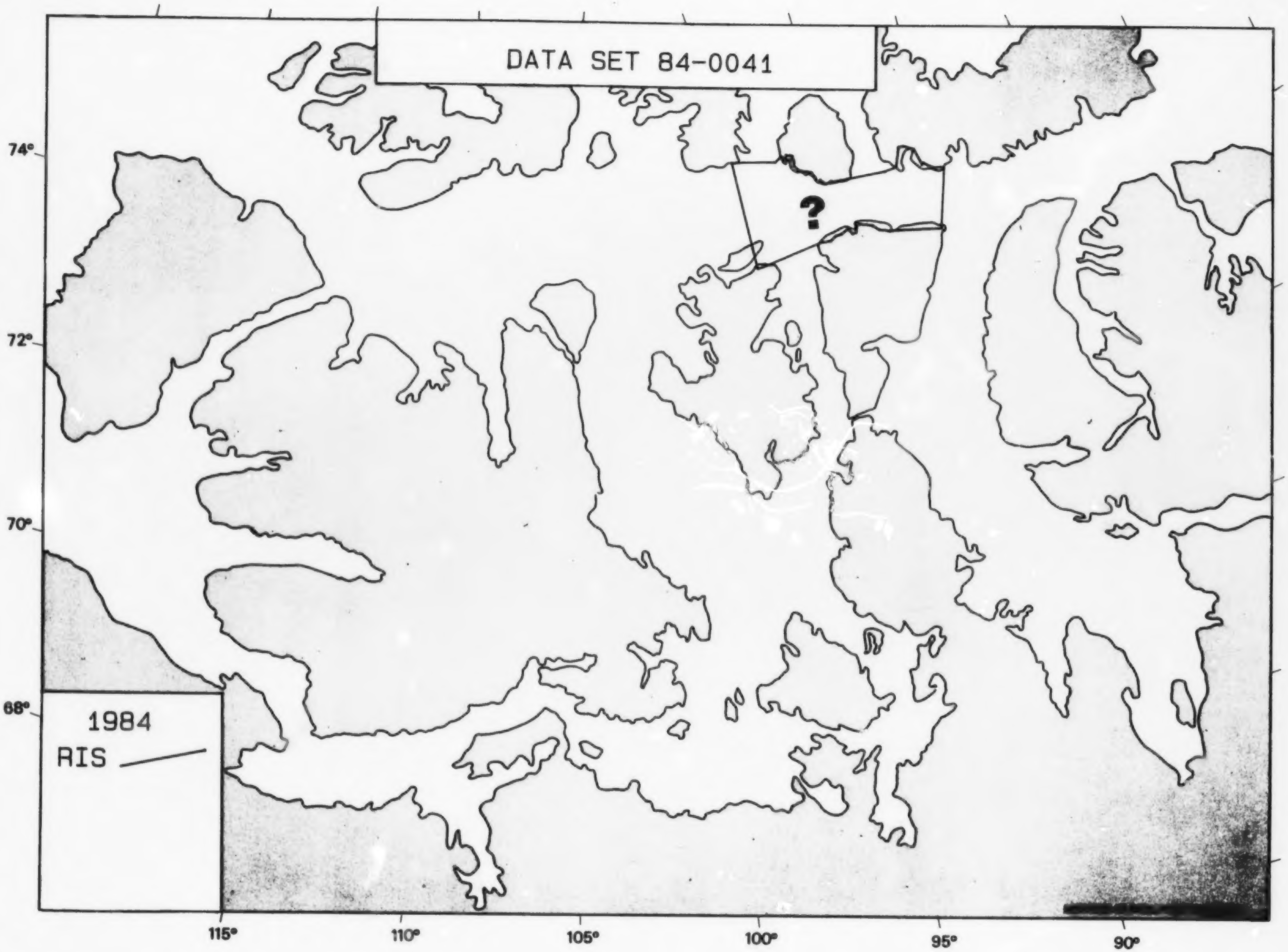
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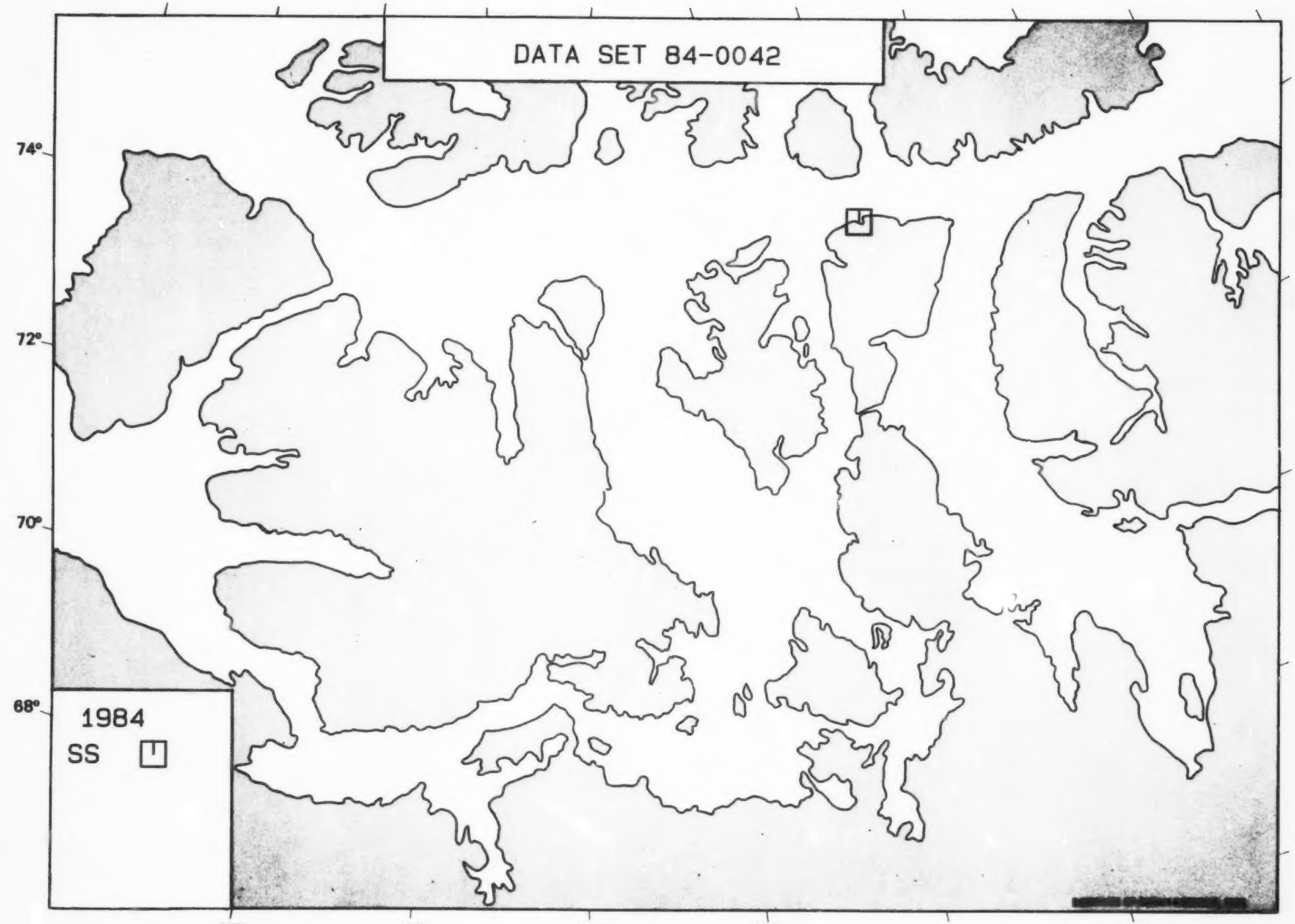
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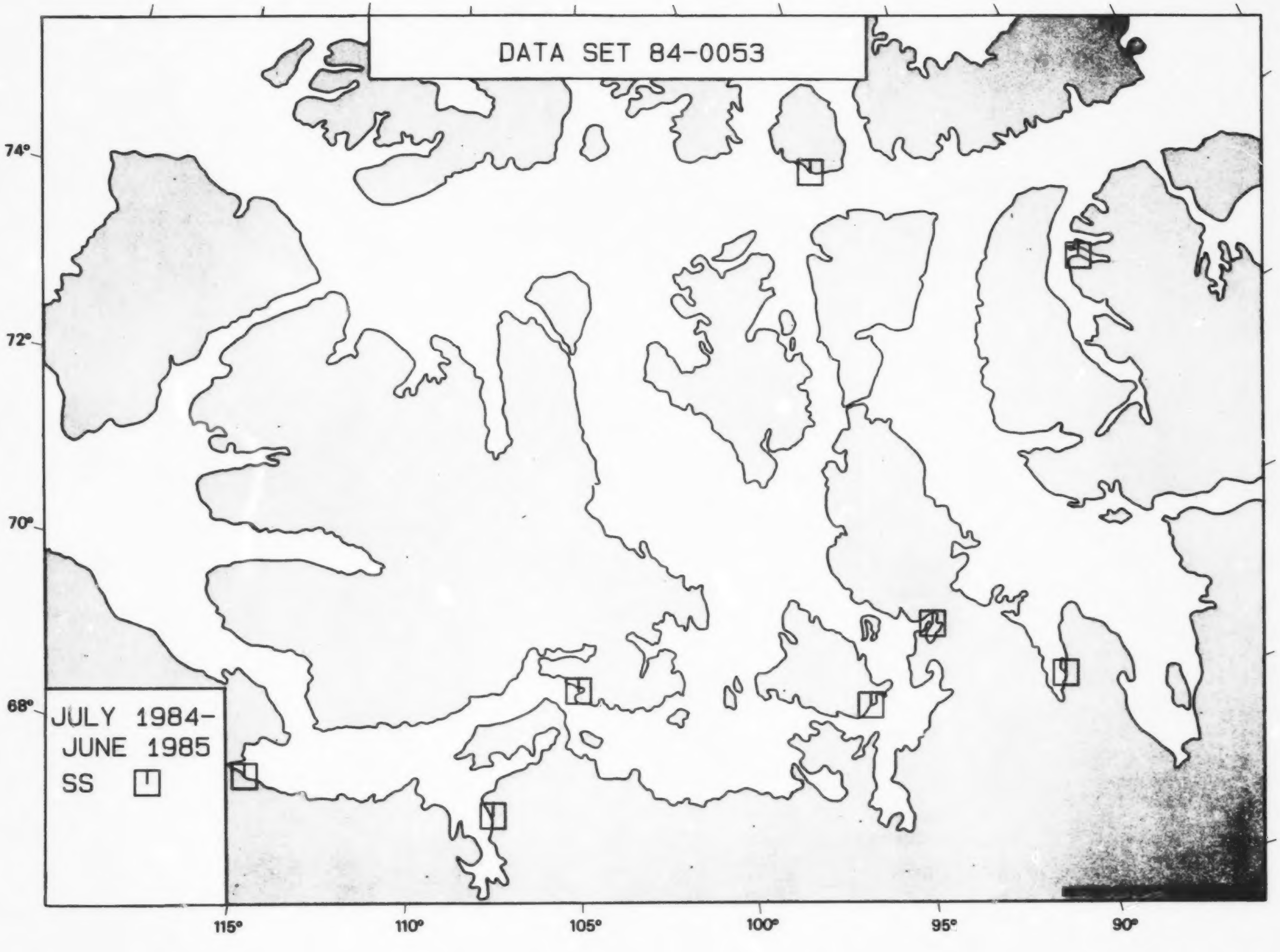
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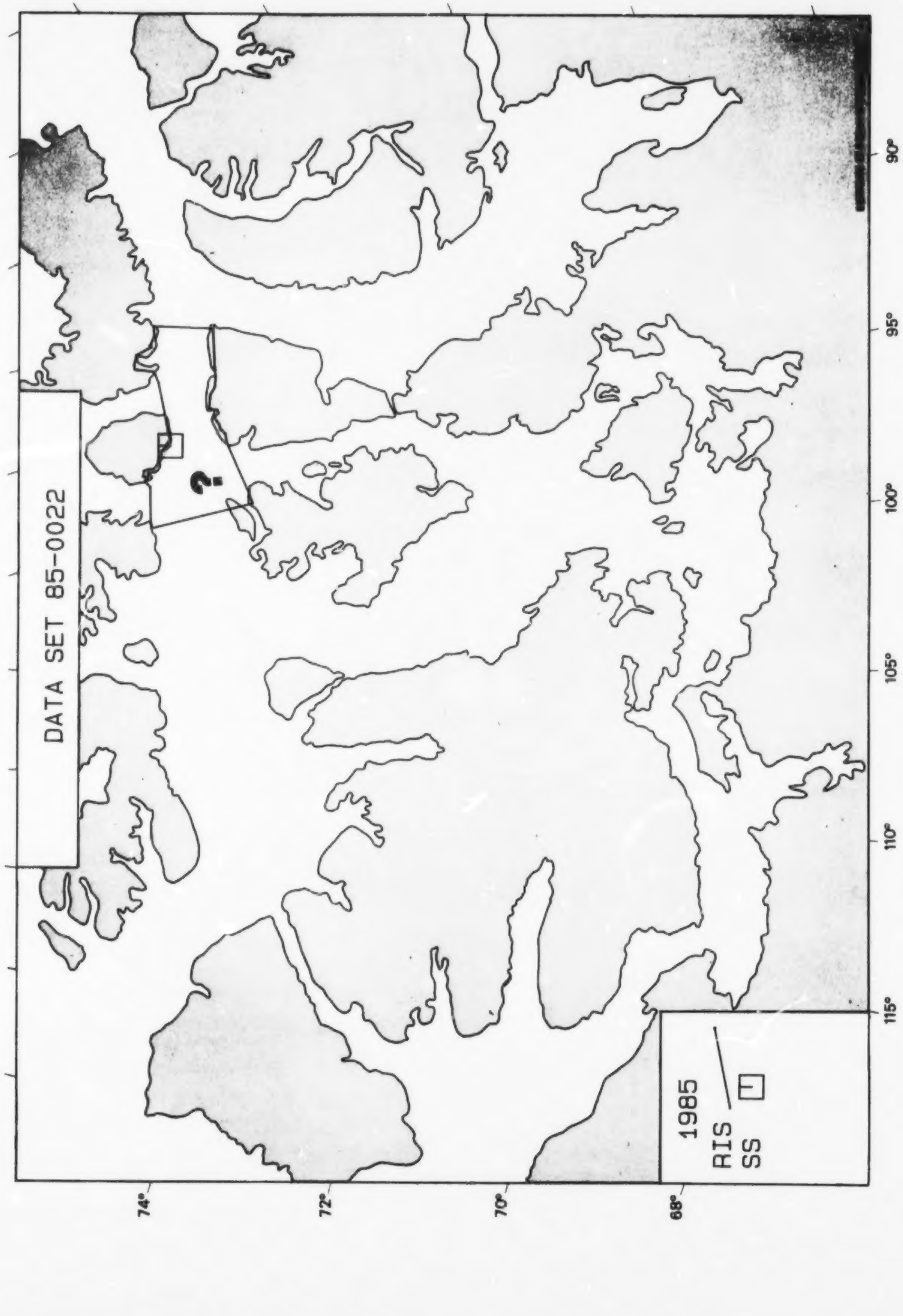
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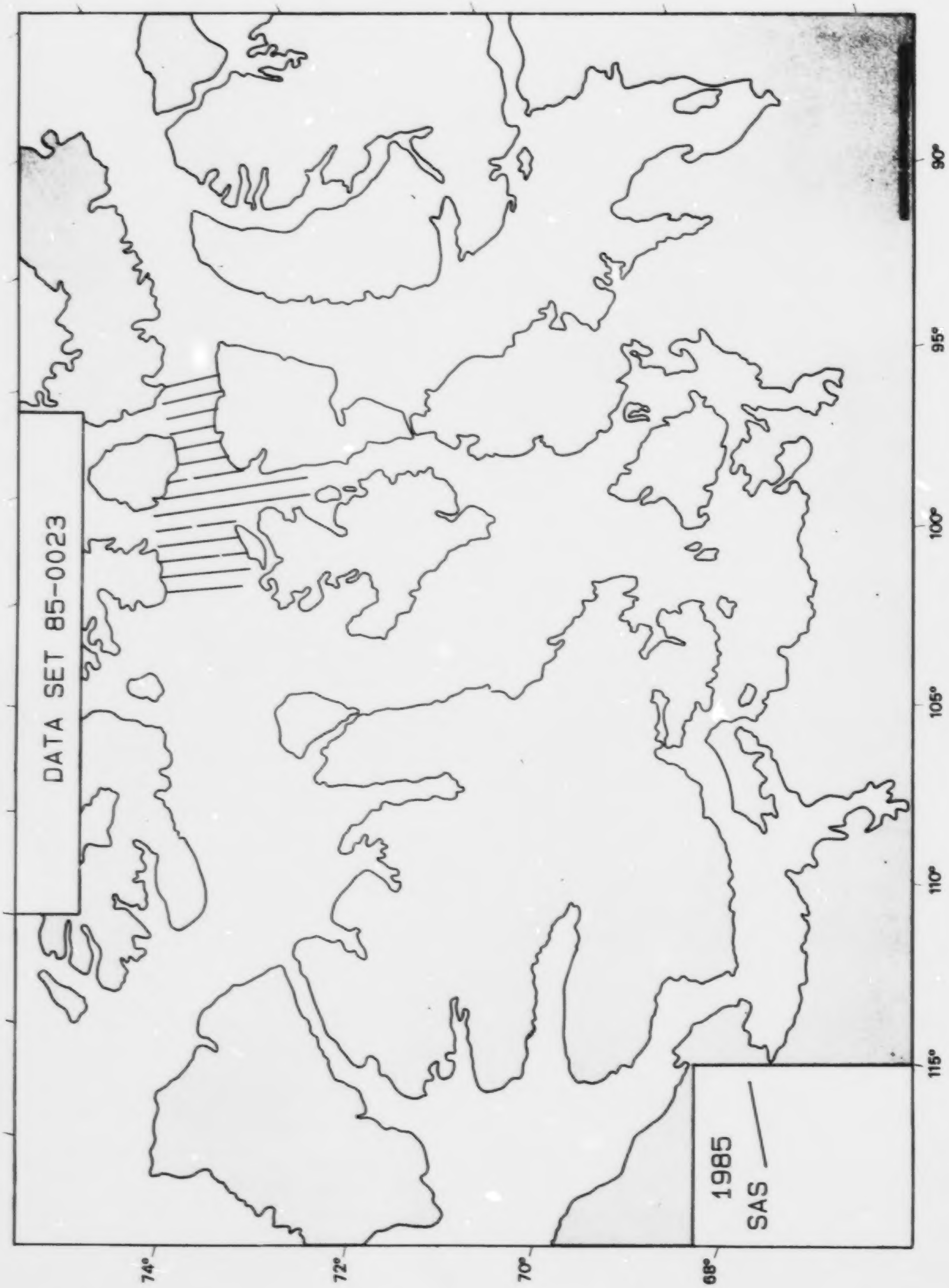
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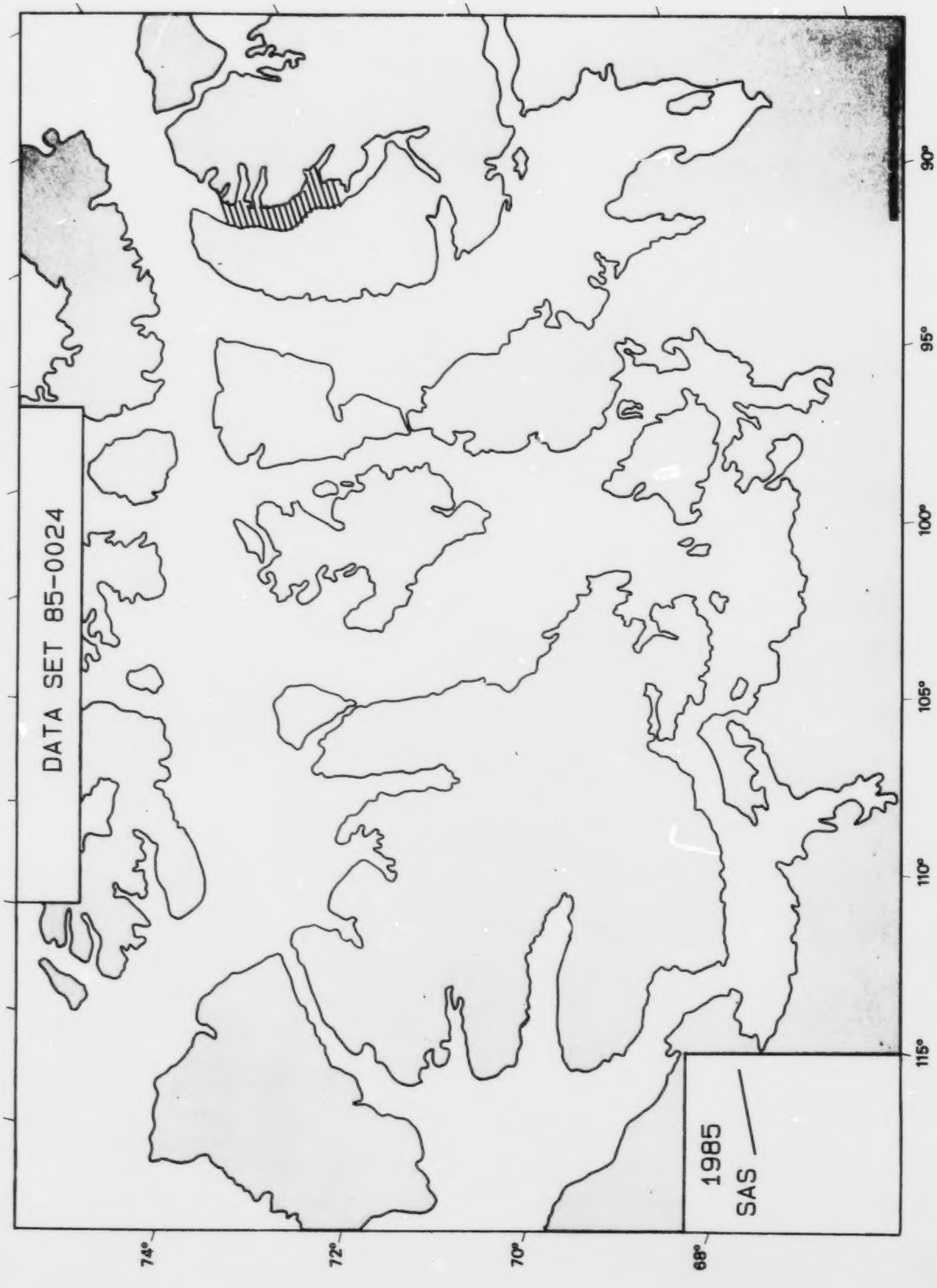
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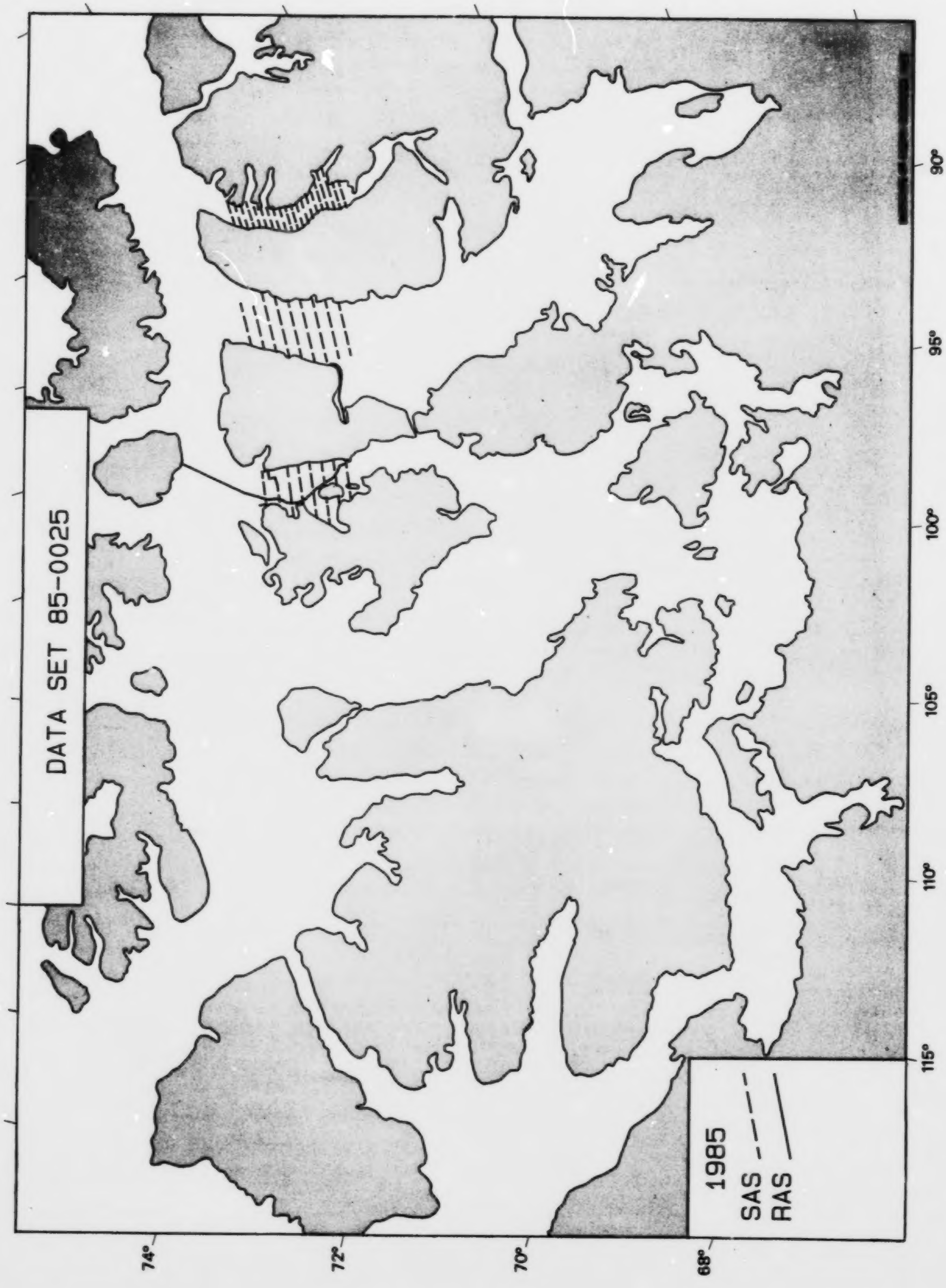
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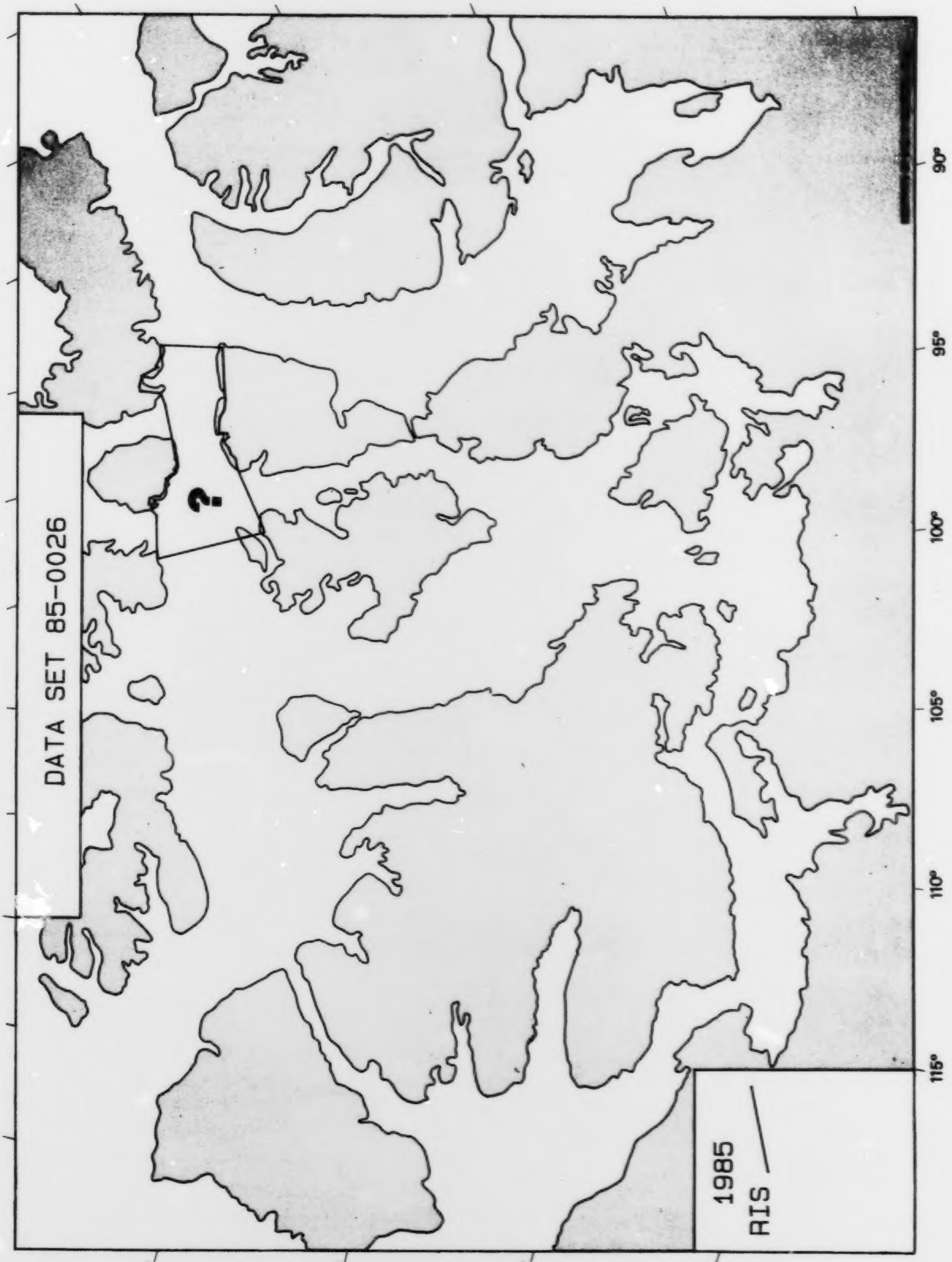
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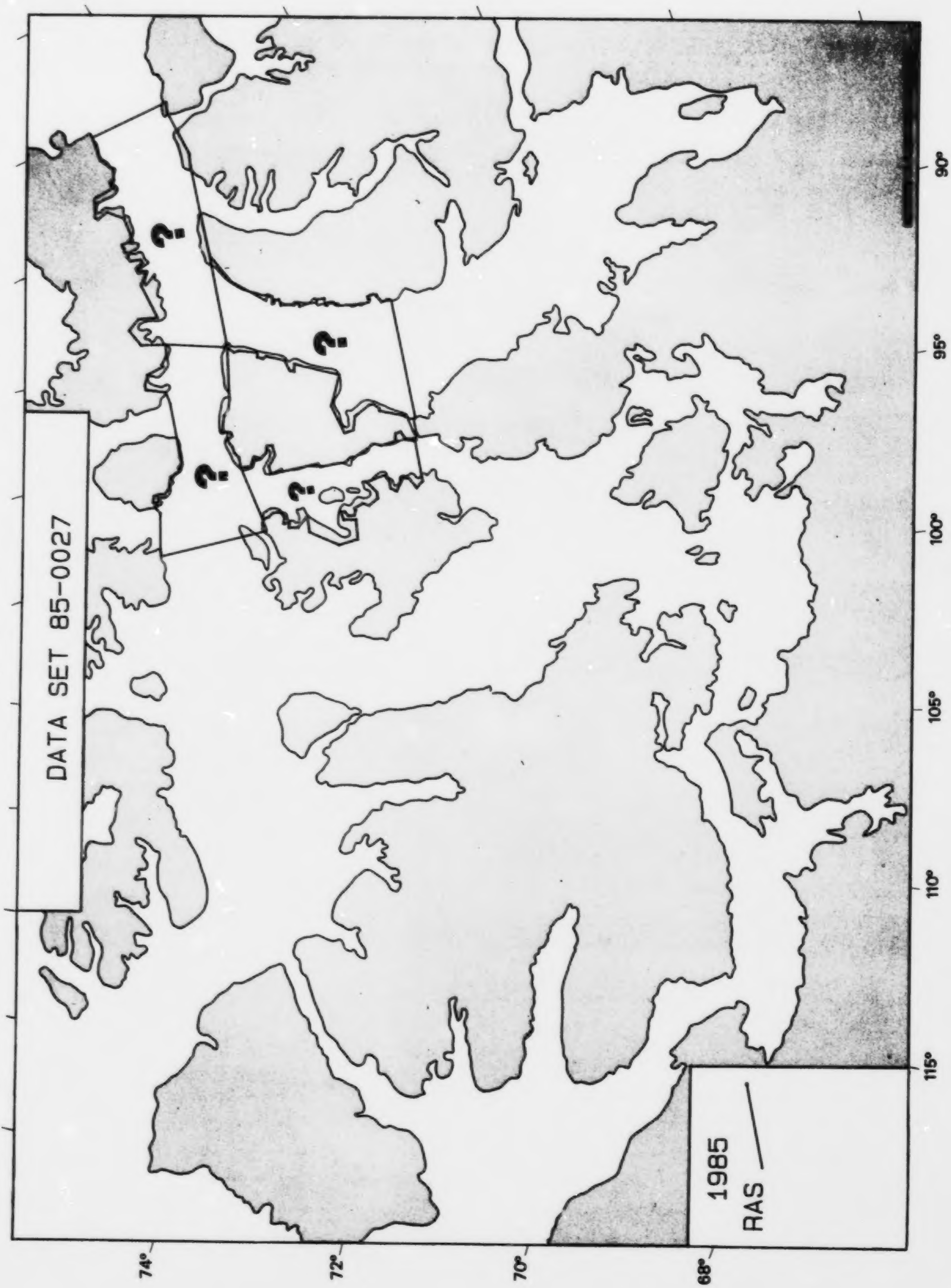
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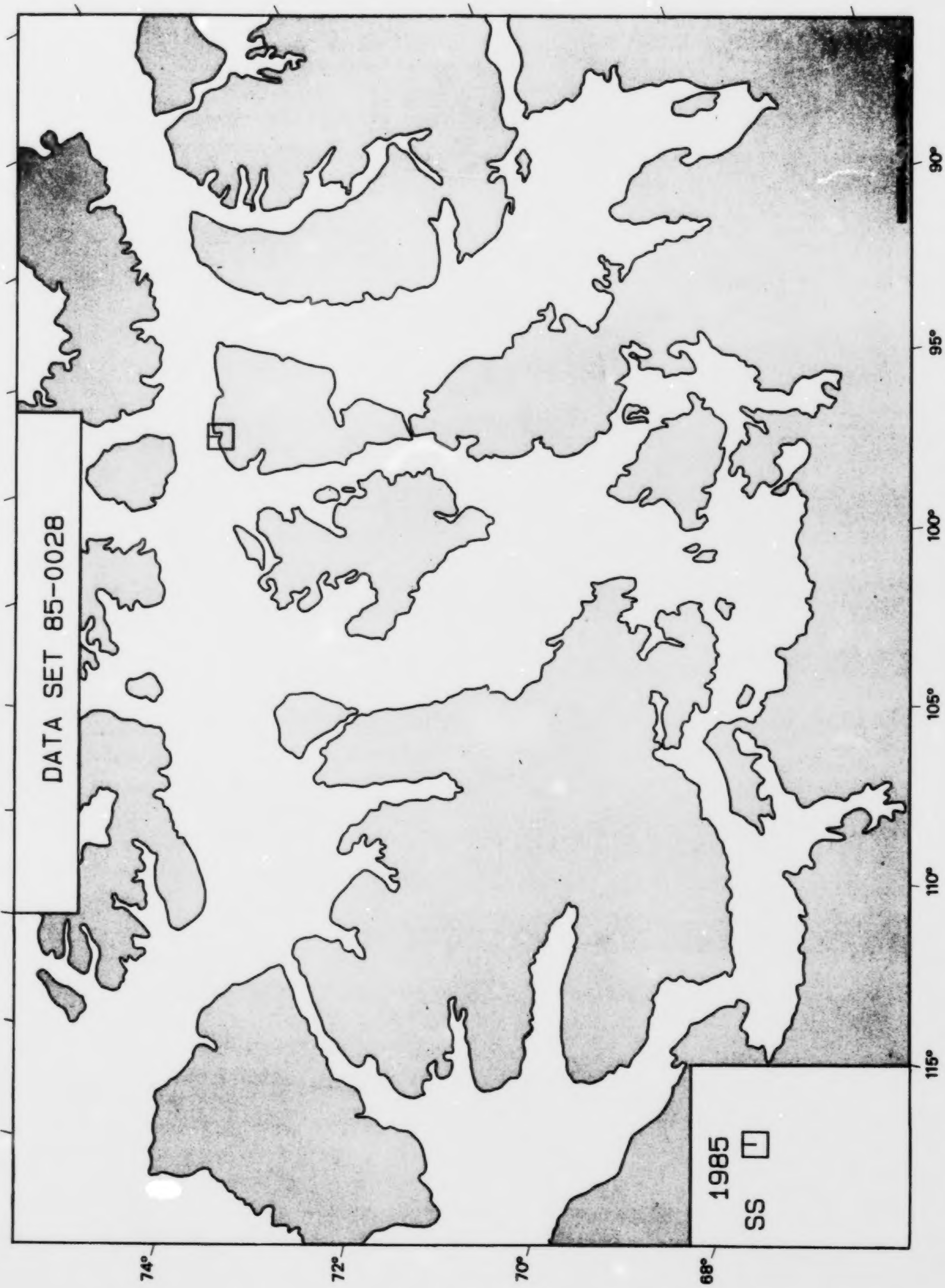
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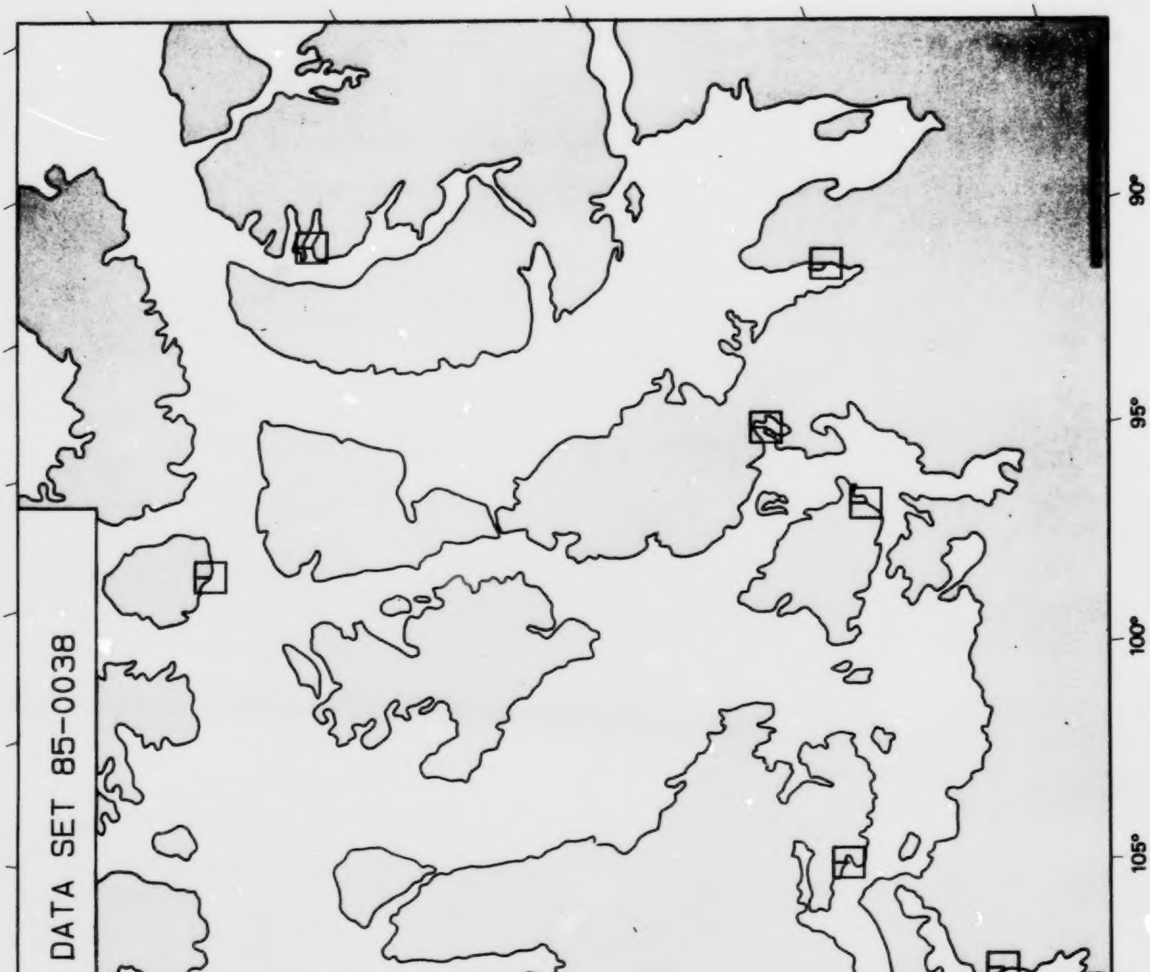
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JUNE 1986
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105°
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115°

10. INDICES

This section contains the following indices in this order:

Measurement Index
Method Index
Species Index
Geographic Index
Reference & Data Location Index

MEASUREMENT INDEX

# observed/location

18^{34}-0001
18^{38}-0001
18^{50}-0001
18^{51}-0001
18^{52}-0002
18^{58}-0002
18^{75}-0001
03-0004
08-0001
12-0002
21-0001
23-0003
40-0010
44-0002
46-0003
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55-0039
57-0020
57-0045
58-0044
58-0045
60-0069
62-0007
65-0059
71-0103
71-0112
73-0123
73-0132
74-0054
74-0111
74-0113
74-0116
74-0128
74-0129
75-0075
75-0076
75-0077
75-0127
75-0130
75-0148
76-0064
76-0065
76-0066
76-0111
76-0112
76-0113
76-0126
76-0127
77-0015
77-0016
77-0113
77-0122
77-0125
78-0106
78-0108
79-0067
79-0106
79-0109
79-0110
79-0111
80-0103
80-0108
80-0109
81-0100
81-0109
82-0098
82-0104
82-0116
83-0052
83-0055
83-0064
84-0025
84-0027
84-0028
84-0031
84-0040
84-0042
85-0022
85-0025
85-0027
85-0028

# observed/aerial transect line

74-0111
75-0075
75-0077
75-0127
75-0130
75-0131
76-0066
76-0111
76-0112
76-0113
78-0108
79-0067
79-0110
79-0111
80-0024
80-0097
81-0098
81-0100
82-0011
82-0115
84-0024
85-0023

# observed/time

57-0020
79-0109

# unattended holes/location

08-0001
21-0001
54-0033
54-0035
75-0127
76-0112
79-0106
80-0108
82-0115

# unattended holes/aerial transect line

75-0127
79-0067
80-0024
80-0097
81-0098
82-0011
82-0115
84-0024
85-0023

# observed/vessel transect line

77-0015

#/group

08-0001
21-0001
46-0003
47-0005
49-0013
50-0002
54-0033
54-0039
57-0020
57-0045
58-0044
62-0007
73-0123
73-0132
74-0054
74-0111
74-0113
74-0116
74-0128
75-0075
75-0076
75-0077
75-0127
75-0148
76-0064
76-0066
76-0111
76-0112
76-0113
76-0126
77-0015
77-0016
77-0113
77-0122
78-0106
78-0108
79-0067
79-0109
79-0110
79-0111
80-0024
80-0097
80-0103
80-0109
81-0098
81-0100
81-0109
82-0011
82-0098
82-0115
82-0116
83-0049
83-0050
83-0052
83-0055
83-0064
84-0024
84-0025
84-0026
84-0027
84-0028
84-0031
84-0042
85-0023
85-0024
85-0025
85-0027
85-0028

#/distance from aircraft

74-0116
75-0075
75-0077
75-0127
75-0131
76-0066
76-0111
76-0112
76-0113
77-0016
78-0108
80-0024
80-0097
81-0098
82-0011
82-0115
84-0024
85-0023

# dead/location

21-0001
46-0003
75-0127
79-0106

# killed/location

18^{34}-0001
18^{50}-0001
53-0014
62-0065
70-0074
71-0112
72-0105
72-0120
73-0120
73-0123
73-0133
74-0113
74-0114
74-0128
75-0129
75-0130
75-0148
76-0125
76-0126
76-0127
77-0116
77-0124
77-0125
78-0107
79-0122

# shot & lost/location

18^{38}-0001
18^{58}-0002
18^{75}-0001
18^{79}-0001
12-0002
21-0001
50-0002
54-0033
71-0103

# shot & landed/location

18^{38}-0001
18^{50}-0001
18^{58}-0002
18^{75}-0001
18^{79}-0001
12-0002
21-0001
40-0010
40-0013
44-0002
46-0003
49-0014
50-0002
51-0028
54-0033
55-0039
56-0035
57-0020
58-0044
60-0069
61-0082
66-0059
67-0045
68-0066
71-0103
81-0110
82-0121
82-0122
83-0072

# lairs/time

75-0127
76-0107
80-0108

# shot & traded/community

08-0001
40-0012
57-0020
71-0100
72-0099
73-0116
74-0108
75-0124
76-0104
77-0108
78-0102
79-0104
80-0095
81-0097
82-0092
83-0071
84-0053
85-0038

# shot & not traded/community

08-0001
57-0020

MEASUREMENT INDEX (cont'd)

#/photograph

75-0075
77-0113
77-0122
77-0125
83-0049
83-0050
84-0024
84-0025
84-0026
85-0024
85-0025

# holes/photograph

77-0125

identification-species

18^{34}-0001
18^{50}-0001
18^{58}-0002
18^{75}-0001
18^{79}-0001
03-0004
08-0001
12-0002
21-0001
23-0003
40-0010
40-0012
40-0013
44-0002
46-0003
47-0005
49-0013
49-0014
50-0002
51-0028
52-0008
52-0031
53-0014
53-0032
54-0001
54-0003
54-0033
54-0034
54-0035
54-0039
55-0039
56-0035
57-0020
57-0045
58-0044
58-0045
60-0069
61-0082
62-0007
62-0065
65-0059
66-0059
67-0045
68-0066
70-0074
71-0100
71-0103
71-0112
72-0099
72-0105
72-0120
73-0116
73-0120
73-0123
73-0131
73-0132
73-0133
74-0054
74-0108
74-0111
74-0113
74-0114
74-0116
74-0125
74-0128
75-0075
75-0076
75-0077
75-0124

identification-species (cont'd)

75-0127
75-0129
75-0130
75-0131
75-0144
75-0147
75-0148
76-0064
76-0065
76-0066
76-0104
76-0107
76-0111
76-0112
76-0113
76-0124
76-0125
76-0126
76-0127
77-0015
77-0016
77-0108
77-0113
77-0116
77-0122
77-0124
77-0125
78-0102
78-0106
78-0107
78-0108
79-0067
79-0104
79-0106
79-0109
79-0110
79-0111
79-0122
80-0024
80-0095
80-0097
80-0103
80-0108
80-0109
80-0111
81-0097
81-0098
81-0100
81-0109
81-0110
81-0111
82-0011
82-0092
82-0098
82-0104
82-0115
82-0116
82-0121
82-0122
82-0123
83-0049
83-0050
83-0052
83-0055
83-0064
83-0071
83-0072
84-0024
84-0025
84-0026
84-0027
84-0028
84-0031
84-0040
84-0041
84-0042
84-0053
85-0022
85-0023
85-0024
85-0025
85-0026
85-0027
85-0028
85-0038

coat colour

18^{79}-0001
21-0001
54-0033
83-0049
84-0025
85-0025

pelt colour

47-0005

tusk, p/a

75-0130
83-0049
84-0025
85-0025

tusk condition

21-0001

body weight

18^{79}-0001

standard length

54-0033
57-0045
73-0131
75-0127
75-0144
83-0052

body length

21-0001
46-0003
49-0013
54-0001
57-0020
75-0130
83-0049
84-0025
85-0025

hindflipper length
tail length

57-0045

axillary girth

83-0052

maximum girth

57-0045
73-0131
75-0127
75-0144

spleen weight

21-0001

blubber thickness

21-0001
57-0045
73-0131
75-0127
75-0144
83-0052

markings, p/a

18^{38}-0001
18^{79}-0001
50-0002
76-0064
79-0109

standard length, pelt

46-0003

skull measurements

74-0125

age class

21-0001
47-0005
50-0002
53-0014
54-0033
54-0039
60-0069
74-0111
75-0075
75-0127
76-0064
76-0111
76-0112
77-0016
77-0125
79-0067
79-0109
82-0104

# cementum annuli, canines

75-0127
75-0130
75-0147
76-0124
83-0052

# claw annuli

73-0131
75-0127
75-0144
76-0124

degree of body scarring

75-0127

sex

21-0001
46-0003
49-0013
57-0020
57-0045
58-0044
73-0131
75-0127
75-0144
79-0067
79-0109
83-0052

baculum length

73-0131
75-0144

MEASUREMENT INDEX (cont'd)

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54-0033

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21-0001 80-0108

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73-0131 75-0144
75-0127 83-0052

rookery stain, p/a
rookery depression, p/a

49-0013

pup in lair, p/a

21-0001

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80-0108

relative stomach fullness

73-0131 75-0144

stomach contents, p/a

21-0001 75-0075
46-0003 75-0127
54-0033 83-0052

stomach contents, weight

73-0131 84-0040
75-0144 85-0022

stomach contents, volume

73-0131 75-0127 75-0144

stomach contents, identification

21-0001 75-0075 84-0040
54-0033 75-0127 85-0022
73-0131 75-0144

polychaete in mouth, p/a

74-0129

internal parasites, p/a

57-0020 83-0052

identification of parasites

57-0020

blood on lair floor, p/a

75-0127 76-0107 80-0108

pursuit by bear, p/a

49-0013 83-0052
73-0123 84-0042
82-0116 85-0028

bear digs, p/a

75-0127 76-0107
75-0130 80-0108

fox digs, p/a

75-0127 76-0107 80-0108

molestation by swan, p/a

57-0045

heading

21-0001 76-0111 83-0049
49-0013 76-0113 83-0055
50-0002 78-0108 84-0025
57-0020 79-0067 84-0031
71-0103 79-0109 85-0025
76-0064 79-0110

ascent angle
descent angle

73-0132

haul-out on ice

18^{51}-0001 58-0045 77-0113 82-0115
18^{52}-0002 73-0123 77-0122 82-0116
18^{58}-0002 74-0111 77-0125 83-0049
18^{75}-0001 74-0113 78-0108 83-0052
18^{79}-0001 74-0116 79-0067 83-0055
08-0001 75-0075 79-0109 83-0064
12-0002 75-0076 79-0110 84-0024
21-0001 75-0077 80-0024 84-0025
46-0003 75-0127 80-0097 84-0027
47-0005 75-0130 80-0103 84-0028
49-0013 76-0064 80-0109 84-0031
50-0002 76-0066 81-0098 84-0042
53-0014 76-0111 81-0100 85-0023
54-0033 76-0112 81-0109 85-0025
57-0020 76-0113 82-0011 85-0027
57-0045 77-0015 82-0098 85-0028
58-0044 77-0016 82-0104

haul-out on land

18^{75}-0001 75-0075 76-0112 79-0110
54-0033 76-0111 77-0122 81-0109

attending hole

18^{50}-0001 76-0111 80-0109 84-0024
18^{79}-0001 76-0112 81-0098 84-0042
21-0001 77-0125 81-0109 85-0023
73-0123 79-0067 82-0011 85-0028
74-0116 80-0024 82-0115
75-0075 80-0097 82-0116
75-0127 80-0108 83-0052

MEASUREMENT INDEX (cont'd)

attending crack

08-0001 80-0109 83-0052
12-0002 81-0098 84-0024
57-0020 81-0109 84-0042
75-0075 82-0011 85-0023
75-0127 82-0104 85-0028
80-0024 82-0115
80-0097 82-0116

attending lead

57-0020

assoc. with birds

03-0004 83-0049 85-0025
54-0033 84-0025

assoc. with whales

49-0013 79-0110 84-0025
57-0020 83-0049 85-0025

distance between surfacings

46-0003

surface time

47-0005 57-0020 76-0064

dive time

21-0001 47-0005 76-0064

diving during fly-by

46-0003 76-0111 82-0011
47-0005 77-0125 83-0049
54-0035 78-0108 84-0024
74-0116 80-0024 84-0025
75-0075 80-0097 85-0023
75-0127 81-0098 85-0025

diving during approach by person

18^{38}-0001 21-0001
08-0001 77-0125

diving during approach by vessel

46-0003 82-0104

synchronous diving, p/a

57-0020

distance between individuals

21-0001 74-0116 76-0113

head raising

73-0123

rubbing
scratching

73-0123

position in water

21-0001 47-0005 76-0064
46-0003 57-0020

frozen out, p/a

57-0020

vocalization measurements

80-0108 81-0111
80-0111 82-0123

dive depth

73-0132

scooping air with flippers
proximity to divers
inhalation, p/a
exhalation, p/a

73-0132

orientation relative to sun

77-0125

duration of haul-out bout

77-0125

fat content

21-0001

moulting, p/a

21-0001 75-0127 84-0042
54-0033 82-0116 85-0028

breathing, p/a

46-0003 47-0005 73-0132

sinking when shot

18^{38}-0001 18^{58}-0002 18^{75}-0001 21-0001

distance to nearest lair

75-0127 76-0107

breathing hole diameter

54-0033

lair height
lair dimensions

75-0127 76-0107

distance of seal/walrus from shore

21-0001

distance of hole from shore
distance between holes

77-0125

STUDY METHOD INDEX

AIRCRAFT			VESSEL		ICE SURFACE		SHORE		Hunter Interviews	Trader's Records	Examination of Harvested or Dead Specimens	Incidental Report
Reconnaissance Aerial Survey (RAS)		Systematic Aerial Survey (SAS)	Reconnaissance Vessel Survey (RVS)	Vessel Watch	Reconnaissance Ice Survey (RIS)	Ice Watch	Shore Watch					
49-0013	77-0125(P)	75-0075(P)	18^{38}-0001	40-0010	18^{51}-0001	82-0104	52-0008	83-0052	21-0001	40-0012	73-0131	18^{34}-0001
50-0002	78-0106	75-0077	18^{50}-0001	54-0033	08-0001	83-0055	53-0014	84-0026	54-0034	71-0100	74-0125	18^{38}-0001
54-0035	78-0108	75-0131	18^{51}-0001		12-0002		54-0033	84-0040	55-0039	72-0099	75-0127	18^{79}-0001
54-0036	79-0067	76-0066	18^{58}-0002		21-0001		57-0020	84-0042	56-0035	73-0116	75-0144	08-0001
55-0039	79-0110	76-0111	18^{75}-0001		40-0010		57-0045	85-0022	66-0059	74-0108	75-0147	12-0002
58-0044	79-0111	76-0112	03-0004		58-0044		58-0044	85-0028	67-0045	75-0124	76-0124	21-0001
58-0045	80-0097	76-0113	08-0001		65-0059		73-0123		68-0066	76-0104	83-0052	40-0013
62-0065	80-0103	78-0108	21-0001		70-0074		74-0111		71-0103	77-0108	84-0040	47-0005
72-0105	81-0100	79-0067	23-0003		71-0112		74-0128		81-0110	78-0102	85-0022	49-0014
73-0120	82-0098	79-0110	40-0010		72-0120		74-0129		82-0121	79-0104		51-0028
74-0054	82-0104	79-0111	44-0002		73-0132		75-0075		82-0122	80-0095		52-0031
74-0111	83-0050(P)	80-0024	46-0003		73-0133		75-0076		83-0072	81-0097		53-0032
74-0114	83-0055	81-0098	47-0005		74-0113		75-0127			82-0092		54-0001
74-0116	83-0064	81-0100	49-0013		75-0130		75-0148			83-0071		55-0039
75-0075(P)	84-0026(P)	82-0011	50-0002		76-0107		76-0064			84-0053		60-0069
75-0076	84-0027	82-0115	52-0008		76-0125		76-0065			85-0038		61-0082
75-0077	84-0028	83-0049(P)	53-0014		76-0127		76-0066					74-0111
75-0127	84-0031	83-0050(P)	54-0001		77-0124		76-0113					
75-0129	85-0025(P)	84-0024(P)	54-0003		78-0107		76-0126					Not Specified (NS)
75-0131	85-0027	84-0025(P)	54-0033		79-0122		77-0015					
76-0064		84-0026(P)	54-0039		80-0108(A)		77-0016					
76-0066		84-0031	57-0020		80-0111(A)		77-0113					18^{52}-0002
76-0111		85-0023	57-0045		81-0111(A)		77-0125					68-0066
76-0112		85-0024(P)	62-0007		82-0123(A)		78-0108					74-0111
76-0113		85-0025(P)	77-0015		84-0040		79-0109					
77-0016			79-0106		84-0041		80-0109					
77-0113(P)			84-0028		85-0022		81-0109					
77-0116					85-0026		82-0116					
77-0122(P)							83-0050					

P = Photography included
A = Acoustics included

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RS - ringed seal
(Phoca hispida)

18^{79}-0001
08-0001
12-0002
21-0001
40-0010
40-0012
44-0002
46-0003
47-0005
49-0013
50-0002
52-0008
53-0014
54-0003
54-0033
55-0039
56-0035
57-0020
57-0045
58-0044
58-0045
62-0065
65-0059
66-0059
67-0045
70-0074
71-0100
71-0103
71-0112
72-0099
72-0105
72-0120
73-0116
73-0120
73-0123
73-0132
73-0133
74-0054
74-0108
74-0111
74-0113
74-0114
74-0116
74-0128
75-0075
75-0076
75-0077
75-0124
75-0127
75-0129
75-0130
75-0131
75-0147
75-0148
76-0064
76-0066
76-0104
76-0107
76-0111
76-0112
76-0113
76-0124
76-0125
76-0126
76-0127
77-0015
77-0016
77-0108
77-0113
77-0116
77-0124
77-0125
78-0102
78-0107
78-0108
79-0067
79-0104
79-0106
79-0109
79-0110
79-0122
80-0024
80-0095
80-0097
80-0103
80-0108
80-0109
80-0111
81-0097
81-0098
81-0100
81-0109
81-0110
81-0111
82-0011
82-0092
82-0098
82-0104
82-0115
82-0116
82-0121
82-0122
82-0123
83-0049
83-0052
83-0055
83-0064
83-0071
83-0072
84-0024
84-0025
84-0027
84-0028
84-0031
84-0040
84-0041
84-0042
84-0053
85-0022
85-0023
85-0025
85-0026
85-0027
85-0028
85-0038

BS - bearded seal
(Erignathus barbatus)

18^{75}-0001
18^{79}-0001
08-0001
12-0002
46-0003
47-0005
49-0013
52-0008
54-0003
54-0033
54-0039
55-0039
56-0035
57-0020
57-0045
58-0044
58-0045
65-0059
66-0059
67-0045
68-0066
71-0103
73-0123
73-0131
74-0113
74-0116
74-0125
75-0075
75-0076
75-0077
75-0127
75-0131
75-0144
76-0064
76-0066
76-0111
76-0112
76-0113
76-0124
77-0015
77-0016
77-0113
77-0122
77-0125
78-0107
78-0108
79-0067
79-0106
79-0109
79-0110
79-0111
79-0122
80-0024
80-0103
80-0109
80-0111
81-0098
81-0100
81-0109
81-0110
81-0111
82-0098
82-0104
82-0116
82-0121
82-0122
83-0052
83-0055
83-0064
83-0072
84-0024
84-0027
84-0028
84-0031
84-0041
84-0042
85-0023
85-0026
85-0027
85-0028

UP - unidentified pinniped

18^{34}-0001
18^{38}-0001
18^{50}-0001
18^{51}-0001
18^{52}-0002
18^{58}-0002
18^{75}-0001
18^{79}-0001
03-0004
08-0001
12-0002
40-0010
40-0012
44-0002
49-0013
54-0001
54-0035
54-0039
57-0045
68-0066
71-0100
72-0099
73-0116
74-0108
74-0111
74-0116
74-0129
75-0124
75-0131
76-0065
76-0104
76-0112
77-0015
77-0016
77-0108
78-0102
79-0104
79-0106
80-0095
81-0097
82-0092
83-0049
83-0071
84-0025
84-0053
85-0025
85-0038

WA - Atlantic walrus
(Odobenus rosmarus rosmarus)

18^{34}-0001
18^{50}-0001
18^{58}-0002
18^{79}-0001
03-0004
08-0001
12-0002
21-0001
23-0003
40-0013
46-0003
47-0005
49-0013
49-0014
50-0002
51-0028
52-0031
53-0032
54-0001
54-0033
54-0034
54-0035
54-0039
55-0039
56-0035
57-0020
60-0069
61-0082
65-0059
66-0059
67-0045
71-0103
71-0112
74-0111
74-0113
74-0116
75-0075
75-0076
75-0127
75-0130
75-0131
76-0064
76-0111
76-0112
76-0113
76-0127
77-0113
77-0122
78-0106
78-0108
79-0067
79-0109
79-0110
79-0111
80-0103
81-0100
82-0098
82-0104
83-0049
83-0055
83-0064
84-0025
84-0027
84-0031
84-0041
85-0022
85-0025
85-0026
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HB - harbour seal
(Phoca uitulina)

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
18^{34}-0001	Back, Captain R.N. 1836. Narrative of the Arctic Land Expedition to the mouth of the Great Fish River, and along the shores of the Arctic Ocean in the years 1833, 1834 and 1835. M.G. Hurtig Ltd., Edmonton. xi + 663 p.	-	Public
	King, R. 1836. Narrative of a journey to the shores of the Arctic Ocean in 1833, 1834 and 1835, under the command of Captain Back, R.N., 2 vols., Richard Bentley, London.	-	Public
18^{38}-0001	Simpson, T. 1843. Narrative of the discoveries on the north coast of America; effected by the officers of the Hudson's Bay Company during the years 1836-39. S. & J. Bentley, Wilson, and Fley, London. xix + 419 p.	-	Public
18^{50}-0001	Armstrong, A. 1857. A personal narrative of the discovery of the Northwest Passage. Hurst and Blackett, London. xxiv + 616 p.	-	Public
18^{51}-0001	Collinson, R. 1889. Journal of H.M.S. Enterprise, on the expedition in search of Sir John Franklin's ships by Behring Strait, 1850-55. Sampson Low, Marston, Searle, and Rivington, Limited, London. vi + 531 p.	-	Public
18^{52}-0002	Parliamentary Papers. 1852. Additional papers relative to the arctic expedition under the orders of Captain Austin and Mr. William Penny. London. iii + 368 p.	-	Public
18^{58}-0002	Young, A. 1875. The search for Sir John Franklin. J. Griffin & Co., London and Portsmouth, England. 43 p.	-	Public
18^{75}-0001	Young, A. 1876. Cruise of the Pandora. William Clowes and Sons, London. 90 p.	-	Public
18^{79}-0001	Gilder, W.H. 1881. Schwatka's search. Abercrombie & Fitch, New York. xvi + 316 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
03-0004	Low, A.P. 1906. Report on the Dominion Government Expedition to Hudson Bay and the Arctic Islands on board D.G.S. Neptune, 1903-04. Government Printing Bureau, Ottawa.	-	Public
08-0001	Bernier, J.E. 1910. Report on the Dominion of Canada Government Expedition to the Arctic Islands and Hudson Strait on board the D.G.S. Arctic. Government Printing Bureau, Ottawa. 513 p.	-	Public
12-0002	Tremblay, A. 1921. Cruise of the Minnie Maud in Arctic Seas and Hudson's Bay, 1910-11 and 1912-13. The Arctic Exchange and Publishing Ltd., Quebec. 573 p.	-	Public
21-0001	Degerbol, M. and P. Freuchen. 1935. Mammals. Report of the Fifth Thule Expedition, 1921-24. Vol. II (4-5).	-	Public
	Rasmussen, K. 1927. Across Arctic America. Narrative of the Fifth Thule Expedition. Greenwood Press, New York. xx + 388 p.	-	Public
23-0003	Anders, G. 1965. Northern Foxe Basin: an area economic survey. Industrial Division, Dept. of Indian Affairs and Northern Development.	-	Public
	Soper, J.D. 1928. A faunal investigation of southern Baffin Island. Nat. Mus. Can. Bull. 53. 143 p.	-	Public
40-0010	Farrar, F.S. 1955. Arctic assignment; the story of the St. Roch. MacMillan, Toronto. 180 p.	-	Public
	Larsen, H. 1969. The North-West Passage, 1940-42 and 1944. The famous voyages of the Royal Canadian Mounted Police schooner St. Roch. The Queen's Printer, Ottawa. 51 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
40-0010 (cont'd)	Larsen, H.A. 1967. The big ship. McClelland and Stewart Ltd., Toronto. 223 p.	-	Public
	Royal Canadian Mounted Police. 1945. Reports and other papers relating to the two voyages of the Royal Canadian Mounted Police schooner St. Roch through the North-West Passage from (1) Vancouver, B.C., to Sydney, N.S., 1940-42 (2) Dartmouth, N.S., to Vancouver, B.C., 1944. The King's Printer, Ottawa. 102 p.	-	Public
40-0012	-	Post journals	Not known Hudson's Bay Company records Contact: Archivist
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories, 1940 to 1972. Fish. Mar. Serv., Techn. Rep. 694. 37 p.	-	Public
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
	Villiers, D. 1968. The Central Arctic: an area economic survey. Industrial Division, Dept. of Indian Affairs and Northern Development, Ottawa. 189 p.	-	Public
40-0013	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
44-0002	Farrar, F.S. 1955. Arctic assignment; the story of the St. Roch. MacMillan, Toronto. 180 p.	-	Public

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44-0002 (cont'd)	Larsen, H. 1969. The North-West Passage, 1940-42 and 1944. The famous voyages of the Royal Canadian Mounted Police schooner St. Roch. The Queen's Printer, Ottawa. 51 p.	-	Public
	Larsen, H.A. 1967. The big ship. McClelland and Stewart Ltd., Toronto. 223 p.	-	Public
	Royal Canadian Mounted Police. 1945. Reports and other papers relating to the two voyages of the Royal Canadian Mounted Police schooner St. Roch through the North-West Passage from (1) Vancouver, B.C., to Sydney, N.S., 1940-42 (2) Dartmouth, N.S., to Vancouver, B.C., 1944. The King's Printer, Ottawa. 102 p.	-	Public
46-0003	Duvall, A.J. and C.O. Handley, Jr. 1946. Report of a wildlife reconnaissance of the eastern Canadian Arctic. Can. Wildl. Serv. Rep. 239. 138 p.	-	Public
47-0005	Duvall, A.J. and C.O. Handley, Jr. 1948. Second wildlife reconnaissance of the eastern Canadian Arctic. Can. Wildl. Serv. Rep. 9. 168 p.	-	Public
49-0013	Gunn, W.W.H. 1949. Report on wildlife observations by arctic weather station re-supply mission, July 15 to September 7, 1949. (Unpubl. manuscript.)	-	Proprietary
49-0014	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
50-0002	Lawrie, A. 1950. Field report of a biological reconnaissance of the eastern Canadian Arctic Archipelago, July - Sept., 1950. Can. Wildl. Serv. Manuscript Rep. 32 p.	-	Proprietary

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51-0028	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
	Loughrey, A.G. 1959. Preliminary investigation of the Atlantic walrus *Odobenus rosmarus rosmarus* (Linnaeus). Can. Wildl. Serv. Wildl. Mgmt. Bull. Ser. 1, 14:1-123.	-	Public
52-0008	Manning, T.H. 1953. Narrative of an unsuccessful attempt to circumnavigate Banks Island by canoe in 1952. Arctic 6:170-197.	-	Public
	Manning, T.H. and A.H. MacPherson. 1958. The mammals of Banks Island. Arctic Institute of North America, Tech. Paper 2. 74 p.	-	Public
52-0031	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
	Loughrey, A.G. 1959. Preliminary investigation of the Atlantic walrus *Odobenus rosmarus rosmarus* (Linnaeus). Can. Wildl. Serv. Wildl. Mgmt. Bull. Ser. 1, 14:1-123.	-	Public
53-0014	Manning, T.H. 1953. Narrative of a second Defense Research Board expedition to Banks Island, with notes on the country and its history. Arctic 9:1-77.	-	Public
	Manning, T.H. and A.H. MacPherson. 1958. The mammals of Banks Island. Arctic Institute of North America, Tech. Paper 2. 74 p.	-	Public
53-0032	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public

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53-0032 (cont'd)	Loughrey, A.G. 1959. Preliminary investigation of the Atlantic walrus *Odobenus rosmarus rosmarus* (Linnaeus). Can. Wildl. Serv. Wildl. Mgmt. Bull. Ser. 1, 14:1-123.	-	Public
54-0001	Bailey, W.B. 1955. Oceanographic reconnaissance in the Canadian Archipelago(1954). Mimeo. Atlant. Oceanog. Group, Fish Res. Board Can., St. Andrews, N.B. 111 p.	-	Public
54-0003	Neave, F. 1954. Western Arctic. Pages 165-166. *In*: Report of the Pacific Biological Station, Nanaimo.	-	Public
54-0033	Ellis, D.V. 1957. Some observations on mammals in the area between Coppermine and Pond Inlet, N.W.T., during 1954 and 1955. Can. Field-Nat. 71(1):1-6.	-	Public
54-0034	Miller, R.S. 1955. A survey of the mammals of Bylot Island, Northwest Territories. Arctic 8:167-176.	-	Public
54-0035	Solman, V.E.F. 1954. Wildlife reconnaissance, Arctic Islands, July 1954. Can. Wildl. Serv. (Unpubl. manuscript.) 7 p.	-	Public
54-0036	Mair, W.W. 1954. Summary report on data obtained during northern inspection flight, 3-22 April, 1954. Can. Wildl. Serv. (Unpubl. manuscript.)	-	Public
54-0039	Dow, W. 1955. Report of the Dow Expedition to Prince of Wales Island, Baring Channel and the magnetic north pole. Geol. Survey of Can. Lib., Ottawa. 4 p.	-	Public
55-0039	Banfield, A.W.F. 1955. Ice reconnaissance flights, 1955. Can. Wildl. Serv. (Unpubl. manuscript.) 3 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
56-0035	-	File notes	Not known Royal Canadian Mounted Police, G. Division
	Bissett, D. 1968. Northern Baffin Island: an area economic survey. Vol. 2 of the Northern Baffin Island Rep. Dept. of Indian Affairs and Northern Development, Ottawa. 131 p.	-	Public
	Bissett, D. 1967. Resolute: an area economic survey. Vol. 2 of Lancaster Sound Survey. Dept. of Indian Affairs and Northern Development, Ottawa. 131 p.	-	Public
	Smith, T.G. and D. Taylor. 1977. Notes on marine mammal, fox and polar bear harvests in the Northwest Territories, 1940-72. Fish. Mar. Serv. Tech. Rep. 694. 37 p.	-	Public
57-0020	-	Not known	Not known Arctic Biological Station Contact: A.W. Mansfield
	Greendale, R.G. and C. Brousseau-Greendale. 1976. Observations of marine mammals at Cape Hay, Bylot Island during the summer of 1976. Fish. Mar. Serv. Tech. Rep. 680. 25 p.	-	Public
	Tuck, L.M. 1957. Wildlife investigations in the Cape Hay region, Lancaster Sound, 1957. Can. Wildl. Serv. Manuscript Rep. 760. 39 p.	-	Public
57-0045	Macpherson, A.H. and T.H. Manning. 1959. The birds and mammals of Adelaide Peninsula, N.W.T. National Museum of Canada, Bull. 161.	-	Public
58-0044	Manning, T.H. and A.H. Macpherson. 1961. A biological investigation of Prince of Wales Island, N.W.T. Trans. Royal Can. Inst. 33(2):116-239.	-	Public

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
58-0045	Barry, T.W. 1961. Sea-bird colonies of Prince Leopold Island and vicinity. Can. Field-Nat. 75(2):72-73.	-	Public
	Manning, T.H. and A.H. Macpherson. 1961. A biological investigation of Prince of Wales Island, N.W.T. Trans. Royal Can. Inst. 33(2):116-239.	-	Public
60-0069	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
61-0082	Bird, J.B. and M.B. Bird. 1961. Bathurst Inlet, Northwest Territories, Geog. Branch Mem. 7:1-66.	-	Public
	Harington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. J. Mamm. 47(3):506-513.	-	Public
62-0007	Henneberry, I. pers. comm. Cited in: Sergeant, D.E. 1965. Migrations of harp seals (Pagophilus groenlandicus) in the northwest Atlantic. J. Fish. Res. Board Can. 22(2):433-464.	-	Public
62-0065	Harington, C.R. 1963. Polar bear study, Resolute Bay area, NWT. 1962. Can. Wildl. Serv. (Unpubl. manuscript.) 38 p.	-	Public
65-0059	Anders, G. 1965. Northern Foxe Basin: an area economic survey. Industrial Division, Dept. of Indian Affairs and Northern Development.	-	Public
66-0059	Bissett, D. 1968. Northern Baffin Island: an area economic survey. Vol. 2 of the Northern Baffin Island Rep. Dept. of Indian Affairs and Northern Development, Ottawa. 131 p.	-	Public

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
67-0045	Bissett, D. 1967. Resolute: an area economic survey. Vol. 2, Lancaster Sound Survey. Dept. of Indian Affairs and Northern Development, Ottawa. 131 p.	-	Public
68-0066	Villiers, D. 1968. The Central Arctic: an area economic survey. Industrial Division, Dept. of Indian Affairs and Northern Development, Ottawa. 189 p.	-	Public
70-0074	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
71-0100	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
71-0103	-	Audiotapes	Not known Freshwater Institute Contact: Not known
	Read, C.J. and S.E. Stephansson. 1976. Distribution and migration routes of marine mammals in the Central Arctic Region. Fish. Mar. Serv. Tech. Rep. 667. 13 p.	-	Public

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
71-0112	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Kiliaan, H.P. and I. Stirling. 1978. Observations on overwintering walruses in the eastern Canadian High Arctic. J. Mamm. 59(1):197-200.	-	Public
72-0099	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
72-0105	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
72-0120	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
73-0116	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
73-0120	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
73-0123	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I. 1974. Midsummer observations on the behaviour of wild polar bears (*Ursus maritimus*). Can. J. Zool. 52:1191-1198.	-	Public
73-0131	-	Field notes Autopsy sheets	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1981. Notes on the bearded seal, *Erignathus barbatus*, in the Canadian Arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042. v + 49 p.	-	Public
73-0132	-	Notes Photographs	Not known Contact: A.R. Milne
	Milne, A.R. 1974. Use of artificial subice air pockets by wild ringed seals (*Phoca hispida*). Can. J. Zool. 52:1092-1093.	-	Public
73-0133	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
74-0054	Fallis, B.W., W.E. Klenner, and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public
74-0108	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
74-0111	-	Field notes	Not known Arctic Biological Station Contact: D.E. Sergeant
	Hay, K. and R. McClung. 1976. Observations on beluga and narwhal in the Canadian High Arctic, summer 1974. Fish. Res. Board Can. Manuscript Rep. Ser. 1385. 55 p.	-	Public
74-0113	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Jonkel, C.J. 1976. Lancaster Sound-Admiralty Inlet polar bear studies. Progress rep. for Strathcona Sound Project. Dept. of Indian and Northern Affairs, Ottawa. 21 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
74-0114	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
74-0116	Bradstreet, M.S.W. and K.J. Finley. 1977. Distribution of birds and marine mammals along fast-ice edges in Barrow Strait, N.W.T. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 315 p.	-	Public
	Finley, K.J., R.A. Davis and W.J. Richardson. 1974. Preliminary studies of the numbers and distribution of marine mammals in the central Canadian Arctic - 1974. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 68 p.	-	Public
	Sekerak, A.D. and W.J. Richardson. 1978. Studies of the ecology of fast-ice edges in the High Arctic. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 92 p.	-	Public
74-0125	Manning, T.H. 1974. Variations in the skull of the bearded seal. Biological Papers of the University of Alaska, 16. 21 p.	-	Public
74-0128	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I. and P. Latour. 1978. Comparative hunting abilities of polar bear cubs of different ages. Can. J. Zool. 56:1768-1772.	-	Public
74-0129	Thomson, D., S. Woods and J. Acreman. 1975. Marine ecology survey in the central portion of the Canadian Arctic Islands 1974. Unpubl. McGill University rep. for Polar Gas Project, Toronto. 77 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
75-0075	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Bradstreet, M.S.W. and K.J. Finley. 1977. Distribution of birds and marine mammals along fast-ice edges in Barrow Strait, N.W.T. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 315 p.	-	Public
	Finley, K.J. 1976. Studies of the status of marine mammals in the central district of Franklin, N.W.T., June - August, 1975. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 183 p.	-	Public
	Sekerak, A.D. and W.J. Richardson. 1978. Studies of the ecology of fast-ice edges in the High Arctic. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 92 p.	-	Public
	Sekerak, A.D., D. Thomson, H. Bain and J. Acreman. 1976. Summer surveys of the marine ecology of Creswell Bay, Somerset Island and Assistance Bay, Cornwallis Island, N.W.T., 1975. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 215 p.	-	Public
75-0076	-	Not known	Not known Arctic Biological Station Contact: D.E. Sergeant Dept. of Fisheries & Oceans, St. John's, Nfld. Contact: K. Hay
	Hay, K. and D.E. Sergeant. 1976. Interim Technical Report, Arctic Whale Project, Environmental-Social Program, Northern Pipelines (Arctic Islands Pipeline). McGill University and Arctic Biological Station. (Unpubl. manuscript.) 41 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
75-0077	Fallis, B.W., W.E. Klenner and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public
75-0124	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
75-0127	-	Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. Can. J. Zool. 58(12):2201-2209.	-	Public
	Smith, T.G. 1978. Travelling the Arctic by snowmobile. Can. Geog. J. 96(1):60-65.	-	Public
	Smith, T.G., B. Beck and J. Memogama. 1977. Ringed seal breeding habitat surveys in the Viscount Melville Sound, Barrow Strait, and Peel Sound areas. ESCOM A1-14. Arctic Islands Pipeline Program Preliminary Rep. 1977. 19 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
75-0127 (cont'd)	Smith, T.G., K. Hay, D. Taylor and R. Greendale. 1978. Ringed seal breeding habitat in Viscount Melville Sound, Barrow Strait, and Peel Sound. Arctic Islands Pipeline Program Rep. 85 p.	-	Public
75-0129	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
	Kemper, B. (ed.). 1976. Environmental baseline studies. 1975 Strathcona Sound Program. Can. Wildl. Serv. Rep. 96 p.	-	Public
75-0130	Kiliaan, H.P. 1975. Polar bear tagging, 13 March - 3 May 1975, Peel Sound-Prince Regent Inlet. Can. Wildl. Serv., Polar Bear Project Special Rep. 96. 14 p.	-	Public
	Kiliaan, H.P. and I. Stirling. 1978. Observations on overwintering walruses in the eastern Canadian High Arctic. J. Mamm. 59(1):197-200.	-	Public
75-0131	Stepney, P.H.R. and R.L. Wooley. 1975. Survey of marine mammals of Lancaster Sound, October 1975. Unpubl. Renewable Resources Consulting Services Ltd. rep. for Norlands Petroleums Ltd. 55 p.	-	Public
75-0144	-	Field notes Autopsy sheets	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1981. Notes on the bearded seal, Erignathus barbatus, in the Canadian Arctic. Can. Tech. Rep. Fish. Aquat. Sci. 1042. v + 49 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
75-0147	-	Field notes, autopsy sheets	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and F.A.J. Armstrong. 1978. Mercury and selenium in ringed and bearded seal tissues from Arctic Canada. Arctic 21(2):75-84.	-	Public
75-0148	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I. and P. Latour. 1978. Comparative hunting abilities of polar bear cubs of different ages. Can. J. Zool. 56:1768-1772.	-	Public
76-0064	Greendale, R.G. and C. Brousseau-Greendale. 1976. Observations of marine mammals at Cape Hay, Bylot Island during the summer of 1976. Fish. Mar. Serv. Tech. Rep. 680. 25 p.	-	Public
	Sergeant, D.E. and K. Hay. 1978. Migratory sea mammals populations in Lancaster Sound. ESCOM Rep. A1-21. Arctic Islands Pipeline Program Report 1978. 31 p.	-	Public
76-0065	-	Not known	Not known Arctic Biological Station Contact: D.E. Sergeant Dept. of Fisheries & Oceans, St. John's, Nfld. Contact: K. Hay
76-0066	Fallis, B.W., W.E. Klenner and J.B. Kemper. 1983. Narwhal surveys and associated marine mammal observations in Admiralty Inlet, Navy Board Inlet, and Eclipse Sound, Baffin Island, N.W.T., during 1974-1976. Can. Tech. Rep. Fish. Aquat. Sci. 1211. 20 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
76-0104	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
76-0107	-	Computer files	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. 1980. Polar bear predation of ringed and bearded seals in the land-fast sea ice habitat. Can. J. Zool. 58(12):2201-2209.	-	Public
	Smith, T.G. 1978. Travelling the Arctic by snowmobile. Can. Geog. J. 96(1):60-65.	-	Public
	Smith, T.G., B. Beck and J. Memogama. 1977. Ringed seal breeding habitat surveys in the Viscount Melville Sound, Barrow Strait, and Peel Sound areas. ESCOM A1-14. Arctic Islands Pipeline Program Preliminary Rep. 1977. 19 p.	-	Public
	Smith, T.G., K. Hay, D. Taylor and R. Greendale. 1978. Ringed seal breeding habitat in Viscount Melville Sound, Barrow Strait, and Peel Sound. Arctic Islands Pipeline Program Rep. 85 p.	-	Public
76-0111	-	Computer files	Public LGL Ltd. Contact: R.A. Davis

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
76-0111 (cont'd)	Johnson, S.R., W.E. Renaud, R.A. Davis and W.J. Richardson. 1976. Marine mammals recorded during aerial surveys of birds in eastern Lancaster Sound, 1976. Unpubl. LGL Ltd. rep. for Norlands Petroleums Ltd., Calgary. 180 p.	-	Public
76-0112	Renewable Resources Consulting Services Ltd. 1977. Aerial surveys of marine mammals of Lancaster Sound, 1975-76. Unpubl. rep. for Norlands Petroleums Ltd., Calgary. 100 p.	-	Public
76-0113	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Bradstreet, M.S.W. and K.J. Finley. 1977. Distribution of birds and marine mammals along fast-ice edges in Barrow Strait, N.W.T. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 315 p.	-	Public
	Finley, K.J. and W.G. Johnston. 1977. An investigation of the distribution of marine mammals in the vicinity of Somerset Island with emphasis on Bellot Strait, August-September 1976. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 91 p.	-	Public
	Sekerak, A.D. and W.J. Richardson. 1978. Studies of the ecology of fast-ice edges in the High Arctic. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 92 p.	-	Public
76-0124	-	Field notes Autopsy sheets	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and F.A.J. Armstrong. 1978. Mercury and selenium in ringed and bearded seal tissues from Arctic Canada. Arctic 21(2):75-84.	-	Public

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76-0125	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
76-0126	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I. and P. Latour. 1978. Comparative hunting abilities of polar bear cubs of different ages. Can. J. Zool. 56:1768-1772.	-	Public
76-0127	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
	Kiliaan, H.P. and I. Stirling. 1978. Observations on overwintering walruses in the eastern Canadian High Arctic. J. Mamm. 59(1):197-200.	-	Public
77-0015	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Thomson, D., W.E. Cross, H. Basin and L. Patterson. 1978. Aspects of the spring and summer marine environment of Brentford Bay, Boothia Peninsula, N.W.T. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 203 p.	-	Public
77-0016	-	Computer files	Public LGL Ltd. Contact: R.A. Davis

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
77-0016 (cont'd)	McLaren, M.A. and W.E. Renaud. 1977. Numbers and distribution of marine mammals along the coast of southeastern Melville Island, July - August 1977. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 18 p.	-	Public
77-0108	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
77-0113	-	Field notes Photographs	Not known Arctic Biological Station Contact: T.G. Smith
77-0116	-	Field notes	Not known Government of Northwest Territories Contact: M. Taylor
77-0122	-	Field notes	Public LGL Ltd. Contact: R.A. Davis
	Davis, R.A., W.R. Koski and K.J. Finley. 1978. Numbers and distribution of walruses in the central Canadian High Arctic. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 50 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
77-0124	-	Field notes	Not known Canadian Wildlife Service Contact: I. Stirling
77-0125	Finley, K.J. 1979. Haul-out behaviour and densities of ringed seals (Phoca hispida) in the Barrow Strait area, N.W.T. Can. J. Zool. 57:1985-1997.	-	Public
	Finley, K.J. 1978. Behaviour and densities of ringed seals (Phoca hispida) during haul-out in the High Arctic, June 1977. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 107 p.	-	Public LGL Ltd. Contact: K.J. Finley
78-0102	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
78-0106	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J. and W.E. Renaud. 1980. Marine mammals inhabiting the Baffin Bay North Water in winter. Arctic 33:724-738.	-	Public
	Finley, K.J. and W.E. Renaud. 1980. Marine mammals inhabiting the Baffin Bay Northwater in winter. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations, Calgary. 31 p.	-	Public

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78-0107	-	Field notes	Not known Government of Northwest Territories Contact: M. Taylor
78-0108	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., G.W. Miller, R.A. Davis and W.R. Koski. 1983. A distinctive large breeding population of ringed seals (Phoca hispida) inhabiting the Baffin Bay pack ice. Arctic 36(2):162-173.	-	Public
	Koski, W.R. and R.A. Davis. 1979. Distribution of marine mammals in northwest Baffin Bay and adjacent waters, May - October 1978. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 305 p.	-	Public
79-0067	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., G.W. Miller, R.A. Davis and W.R. Koski. 1983. A distinctive large breeding population of ringed seals (Phoca hispida) inhabiting the Baffin Bay pack ice. Arctic 36(2):162-173.	-	Public
	Koski, W.R. 1980. Distribution and migration of marine mammals in Baffin Bay and eastern Lancaster Sound, May - July 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 317 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
79-0067 (cont'd)	Koski, W.R. 1980. Distribution of marine mammals in the Canadian central high Arctic, July - September 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary, and Arctic Biological Station, Ste.-Anne de Bellevue. 107 p.	-	Public
79-0104	-	Export tax Forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
79-0106	MacLaren Marex Inc. 1979. Report on wildlife observations made in September 1979 on the icebreaker Canmar Kigoriak between St. John, N.B. and Tuktoyaktuk, N.W.T. Prep. for Dome Petroleum Ltd., Calgary.	-	Public
79-0109	Greendale, R.G. and D.E. Kerr. 1979. Sightings of marine mammals at Cape Hay, Bylot Island during the summer of 1979. Arctic Biological Station, Ste-Anne de Bellevue. (Unpubl. manuscript.)	-	Proprietary
79-0110	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., G.W. Miller, R.A. Davis and W.R. Koski. 1983. A distinctive large breeding population of ringed seals (*Phoca hispida*) inhabiting the Baffin Bay pack ice. Arctic 36(2):162-173.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
79-0110 (cont'd)	Koski, W.R. and R.A. Davis. 1980. Studies of the late summer distribution and fall migration of marine mammals in NW Baffin Bay and E. Lancaster Sound, 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary. 214 p.	-	Public
79-0111	-	Computer files	Public LGL Ltd. Contact: R.A. Davis
	Koski, W.R. 1980. Distribution of marine mammals in the Canadian central high Arctic, July - September 1979. Unpubl. LGL Ltd. rep. for Petro-Canada Explorations Inc., Calgary, and Arctic Biological Station, Ste-Anne de Bellevue. 107 p.	-	Public
79-0122	-	Field notes	Public Government of Northwest Territories Contact: M. Taylor
80-0024	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S., I. Stirling and W. Calvert. 1985. The distribution and abundance of seals in the Canadian High Arctic, 1980-82. Can. J. Fish. Aquat. Sci. 42:1189-1210.	-	Public
	Kingsley, M.C.S., I. Stirling and W. Calvert. 1982. The distribution and abundance of seals in the High Arctic, 1980-81. Unpubl. Can. Wildl. Serv. rep. for Arctic Islands Operating Advisory Committee, Dept. of Indian and Northern Affairs, and Dept. of Fisheries and Oceans. 68 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
80-0095	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
80-0097	-	Tape transcriptions	Not known LGL Ltd. Contact: R.A. Davis
	Alliston, W.G. and M.A. McLaren. 1981. The distribution and abundance of ringed seals in western Coronation Gulf, Prince Albert Sound and Minto Inlet, N.W.T., June 1980. Unpubl. LGL Ltd. rep. for Polar Gas Project, Toronto. 37 p.	-	Public
80-0103	-	Tape transcriptions	Not known Arctic Biological Station Contact: T.G. Smith
80-0108	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
	Smith, T.G. and M.O. Hammill. 1980. Ringed seal, *Phoca hispida*, breeding habitat survey of Bridport Inlet and adjacent coastal ice. Can. Manuscript Rep. Fish. Aquat. Sci. 1577. vii + 31 p.	-	Public

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
80-0109	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
80-0111	-	Audiotapes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W. Calvert and H. Cleator. 1983. Underwater vocalizations as a tool for studying the distribution and relative abundance of wintering pinnipeds in the High Arctic. Arctic 36(3):262-274.	-	Public
	Stirling, I., H. Cleator and W. Calvert. 1982. Underwater vocalizations of wintering pinnipeds in the High Arctic. Unpubl. Can. Wildl. Serv. and University of Alberta rep. for Arctic Pilot Project, Dome Petroleum Ltd., and Esso Resources Canada Ltd. 54 p.	-	Public
81-0097	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
81-0098	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
81-0098 (cont'd)	Kingsley, M.C.S., I. Stirling and W. Calvert. 1985. The distribution and abundance of seals in the Canadian High Arctic, 1980-82. Can. J. Fish. Aquat. Sci. 42:1189-1210.	-	Public
	Kingsley, M.C.S., I. Stirling and W. Calvert. 1982. The distribution and abundance of seals in the High Arctic, 1980-81. Unpubl. Can. Wildl. Serv. rep. for Arctic Islands Operating Advisory Committee, Dept. of Indian and Northern Affairs, and Dept. of Fisheries and Oceans. 68 p.	-	Public
81-0100	-	Tape transcriptions Field notes	Not known Arctic Biological Station Contact: T.G. Smith
81-0109	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
81-0110	Donaldson, J. 1983. 1981 wildlife harvest statistics for the Baffin Region, Northwest Territories. Baffin Region Inuit Association, Tech. Rep. 1. 65 p.	-	Not known
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
81-0111	-	Audiotapes	Not known Canadian Wildlife Service Contact: I. Stirling
	Stirling, I., W. Calvert and H. Cleator. 1983. Underwater vocalizaations as a tool for studying the distribution and relative abundance of wintering pinnipeds in the High Arctic. Arctic 36(3):262-274.	-	Public

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
81-0111 (cont'd)	Stirling, I., H. Cleator and W. Calvert. 1982. Underwater vocalizations of wintering pinnipeds in the High Arctic. Unpubl. Can. Wildl. Serv. and University of Alberta rep. for Arctic Pilot Project, Dome Petroleum Ltd., and Esso Resources Canada Ltd. 54 p.	-	Public
82-0011	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S. and N.J. Lunn. 1982. The abundance of seals in Jones Sound and in the waters round Cornwallis Island, 1982. Unpubl. Can. Wildl. Serv. rep. for Dept. of Indian and Northern Affairs, Dome Petroleum Ltd., Gulf Canada Resources Inc., and Dept. of Fisheries and Oceans. 21 p.	-	Public
	Kingsley, M.C.S., I. Stirling and W. Calvert. 1985. The distribution and abundance of seals in the Canadian High Arctic, 1980-82. Can. J. Fish. Aquat. Sci. 42:1189-1210.	-	Public
82-0092	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
82-0098	-	Tape transcriptions	Not known Arctic Biological Station Contact: T.G. Smith

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
82-0104	-	Field sheets	Public LGL Ltd. Contact: R.A. Davis
	Finley, K.J., C.R. Greene and R.A. Davis. 1983. A study of ambient noise, ship noise, and the reactions of narwhals and belugas to the MV Arctic breaking ice in Admiralty Inlet, N.W.T.-1982. Unpubl. LGL Ltd. rep. for Dept. of Indian Affairs and Northern Development, Ottawa. 108 p.	-	Public
82-0115	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
	Kingsley, M.C.S. and W. Calvert. 1984. Aerial survey for seal holes in Barrow Strait, October 1982. Unpubl. Can. Wildl. Serv. rep. for Petro-Canada Ltd. 12 p.	-	Public
82-0116	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith or B. Sjare
82-0121	Jingfors, K. 1984. Kitikmeot harvest study; progress report. Dept. of Renewable Resources, Government of Northwest Territories, Cambridge Bay. 30 p.	-	Not known
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
82-0122	Donaldson, J. 1984. 1982 wildlife harvest statistics for the Baffin Region, Northwest Territories. Baffin Region Inuit Association, Tech. Rep. 2. 64 p.	-	Not known
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
82-0123	-	Audiotapes	Not known Canadian Wildlife Service Contact: I. Stirling
	Calvert, W. and I. Stirling. 1985. Winter distribution of ringed seals (Phoca hispida) in the Barrow Strait area, Northwest Territories, determined by underwater vocalizations. Can. J. Fish. Aquat. Sci. 42:1238-1243.	-	Public
83-0049	-	Field notes Photographs Videotapes	Public Freshwater Institute Contact: J.T. Strong
83-0050	-	Photographs	Public Freshwater Institute Contact: L. Dueck
83-0052	-	Field notes Preserved specimens	Not known Arctic Biological Station Contact: T.G. Smith or B. Sjare
83-0055	-	Field sheets	Public LGL Ltd. Contact: R.A. Davis

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
83-0064	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
83-0071	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources
	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
83-0072	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
84-0024	-	Field sheets Photographs	Public Freshwater Institute Contact: M.C.S. Kingsley
84-0025	-	Field notes Photographs Videotapes	Public Freshwater Institute Contact: J.T. Strong
84-0026	-	Photographs	Public Freshwater Institute Contact: L. Dueck

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
84-0027	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
84-0028	-	Tape transcriptions Field notes	Public Arctic Biological Station Contact: E. Mitchell
84-0031	-	Field sheets	Public LGL Ltd. Contact: R.A. Davis
84-0040	-	Field notes	Not known Freshwater Institute Contact: B. Welch
84-0041	-	Field notes Audiotapes	Not known Arctic Biological Station Contact: M.O. Hammill
84-0042	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
84-0053	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources

REFERENCE & DATA LOCATION INDEX (cont'd)

DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
84-0053 (cont'd)	Stewart, R.E.A., P. Richard, M.C.S. Kingsley and J.J. Houston. 1986. Seals and sealing in Canada's northern and arctic regions. Can. Tech. Rep. Fish. Aquat. Sci. 1463. 31 p.	-	Public
85-0022	-	Field notes	Not known Freshwater Institute Contact: B. Welch
85-0023	-	Field sheets	Public Freshwater Institute Contact: M.C.S. Kingsley
85-0024	-	Photographs	Public Freshwater Institute Contact: L. Dueck
85-0025	-	Field notes Photographs Videotapes	Public Freshwater Institute Contact: J.T. Strong
85-0026	-	Field notes Audiotapes	Not known Arctic Biological Station Contact: M.O. Hammill
85-0027	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith
85-0028	-	Field notes	Not known Arctic Biological Station Contact: T.G. Smith

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DATA SET I.D.	REFERENCE	STATUS	AVAILABILITY
85-0038	-	Export tax forms	Public Government of Northwest Territories Contact: Dept. of Renewable Resources

Appendix 1

Contacts and Addresses for Information Sources

Institution	Contact
Arctic Biological Station Dept. of Fisheries & Oceans 555 St. Pierre Blvd. Ste-Anne de Bellevue, Quebec H9X 3R4	Dr. M.O. Hammill Dr. A.W. Mansfield Dr. E. Mitchell Dr. T.G. Smith
Canadian Wildlife Service 5320 122 Street Edmonton, Alberta T6H 3S5	Dr. I. Stirling Ms. W. Calvert Ms. B. Sjare
Dept. of Fisheries and Oceans P.O. Box 5667 St. Johns, Newfoundland A1C 5X1	Dr. K.A. Hay
Freshwater Institute Dept. of Fisheries and Oceans 501 University Crescent Winnipeg, Manitoba R3T 2N6	Ms. H. Cleator Mr. L. Dueck Mr. M. Kingsley Mr. T.J. Strong Ms. P. Weaver Dr. B. Welch
Hudsons Bay Company Archives Hudsons Bay House 77 Main Street Winnipeg, Manitoba R3C 3H1	Archivist
LGL Limited 22 Fisher Street P.O. Box 457 King City, Ontario LOG 1KO	Dr. R.A. Davis
Wildlife Service Government of Northwest Territories Yellowknife, N.W.T.	Mr. J. Lee Dr. M. Taylor

OTHER CATALOGUES PUBLISHED IN THE CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 5 SERIES AS VOLUMES OF THE ARCTIC DATA COMPILATION AND APPRAISAL

Cornford, A.B., D.D. Lemon, D.B. Fissel, H. Melling, B.D. Smiley, R.H. Herlinveaux and R.W. Macdonald. 1982. Volume 1. Beaufort Sea: Physical Oceanography -- Temperature, Salinity, Currents and Water Levels. Vol. 1, 279 p.

Thomas, D.J., R.W. Macdonald and A.B. Cornford. 1982. Volume 2. Beaufort Sea: Chemical Oceanography. Vol. 2, 243 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Volume 3. Northwest Passage: Physical Oceanography - Temperature, Salinity Currents and Water Levels. Vol. 3, 262 p.

Thomas, D.J., R.W. Macdonald, A.G. Francis, V. Wood and A.B. Cornford. 1983. Volume 4. Northwest Passage: Chemical Oceanography. Vol. 4, 200 p.

Birch, J.R., D.B. Fissel, D.D. Lemon, A.B. Cornford, R.H. Herlinveaux, R.A. Lake and B.D. Smiley. 1983. Volume 5. Baffin Bay: Physical Oceanography -- Temperature, Salinity, Currents and Water Levels. Vol. 5, 372 p.

Fissel, D.B., L. Cuypers, D.D. Lemon, J.R. Birch, A.B. Cornford, R.A. Lake, B.D. Smiley, R.W. Macdonald and R.H. Herlinveaux. 1983. Volume 6. Queen Elizabeth Islands: Physical Oceanography -- Temperature, Salinity, Currents and Water Levels. Vol. 6, 214 p.

Birch, J.R., D.B. Fissel, A.B. Cornford and H. Melling. 1984. Volume 7. Canada Basin - Arctic Ocean: Physical Oceanography - Temperature, Salinity, Currents and Water Levels. Vol. 7, 624 p.

Harwood, L.A., L.A. Turney, L. de March, B.D. Smiley and P. Norton. 1986. Volume 8. Beaufort Sea: Biological Oceanography -- Seals, 1826-1985. Vol. 8 (Part 1, 352 p.; Part 2, 301 p.)

Woods, S. and B.D. Smiley. 1987. Volume 9. Beaufort Sea: Biological Oceanography -- Bacteria, Plankton and Epontic Community, 1914 through 1985. Vol. 9, 412p.

Norton, P., B.D. Smiley and L. de March. 1987. Volume 10. Beaufort Sea: Biological Oceanography -- Whales, 1848-1983. Vol. 10, 407p.

Wainwright, P.F., B.D. Smiley and A. Blyth. 1987. Volume 11. Beaufort Sea: Biological Oceanography--Marine Zoobenthos, 1914 to 1986. Vol. 11, 367p.

Birch, J.R., D.D. Lemon, D.B.Fissel, and H. Melling. 1987. Beaufort Sea: Physical Oceanography -- Currents, Water Levels and Waves. 1914 to 1986 (revised and updated Volume 1). Cdn. Data Report Hydrogr. Ocean Sciences, No. 5. Vol. 12, 459p.

Norton, P.N., B.D. Smiley and L. de March. 1987. Northwest Passage: Biological Oceanography -- Whales. 1820 to 1984. Vol. 13 (Part1, 244p.; Part 2, 487p.).

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Ratynski, R.A., L. de March and B.D. Smiley. 1988. Beaufort Sea: Biological Oceanography -- Fish. 1896 to 1985. Vol. 15 (Part 1, 301p,; Part 2, 290p.).

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